





QUEEN'S UNIVERSITY  
FACULTY OF MEDICINE

—FORMERLY—

Royal College of Physicians and Surgeons

---

ANNUAL CALENDAR.



42ND SESSION, 1895-96.

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KINGSTON :  
THE NEWS PRINTING COMPANY.  
1895.



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## ACADEMIC YEAR.

1895.

- Sept. 1—Notice of intention to appear at Supplementary Pass Examination to be given in writing to Rev. Dr. Bell, Registrar of the University. The subjects upon which the candidate intends to write must be stated in his notice.
- Sept. 17—Supplemental Examinations begin in Convocation Hall.
- Oct. 1—Classes begin.
- Oct. 16—University Day. Holiday.
- Oct. 22—Candidates for Matriculation must give notice to Dr. Bell of their intention to appear.
- Oct. 30—Matriculation examination begins.
- Dec. 21—Christmas holidays begin.

1896.

- Jan. 7—Classes re-open.
- Feb. 19—Holiday.
- Mar. 21—Time expires for receiving Theses for M.D.
- Mar. 21—Class work closes.
- Mar. 21—Time expires for receiving Essays for University Prizes.
- Mar. 26—Examinations begin.
- April 27—Statutory meeting of Senate for conferring degrees.
- April 29—Convocation for distributing Prizes, announcing honours and laureating graduates.
- April 30—Summer session begins.
- June 27—Summer session closes.

*TIME TABLE—FIRST SESSION.*

<i>Time.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9—10	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	
10—11	Physiology and Animal Biology.	Physiology and Animal Biology.	Physiology and Animal Biology.	Practical Physiology and Histology.	Practical Physiology and Histology.	
11—12	Junior Chemistry.	Junior Chemistry.	Junior Practical Chemistry.	Practical Biology.	Practical Biology.	
12—1						
2—4	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	
4—5		Materia Medica.		Materia Medica.		



*TIME TABLE—SECOND SESSION.*

<i>Time.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9—10	Anatomy.	Anatomy.	Anatomy.	Anatomy.	Anatomy.	
10—11	Physiology.	Physiology.	Physiology.	Physiology.	Physiology.	
11—12	Analytical Chemistry.	Analytical Chemistry.	Analytical Chemistry.	Senior Chemistry.	Senior Chemistry.	
12—1		Histology and Embryology.		Histology and Embryology.		
2—4	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Anatomy.	Practical Pharmacy.
4—5	Materia Medica and Therapeutics.		Materia Medica and Therapeutics.		Materia Medica and Therapeutics.	

*TIME TABLE—THIRD SESSION.*

<i>Time.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9—11	Pathology and Bacteriology.		Pathology and Bacteriology.		Pathology and Bacteriology.	
10—11		Clinical Medicine		Clinical Medicine.		
11—12	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	
2—3	Obstetrics.	Obstetrics.	Obstetrics.	Gynæcology.	Gynæcology.	
3—4		Junior Practice of Medicine.		Junior Practice of Medicine.		
4—5	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.	
5—6		Medical Jurisprudence.		Medical Jurisprudence.		



*TIME TABLE—FOURTH SESSION.*

<i>Time.</i>	<i>Monday.</i>	<i>Tuesday.</i>	<i>Wednesday.</i>	<i>Thursday.</i>	<i>Friday.</i>	<i>Saturday.</i>
9—10	Medical and Surgical Anatomy.		Medical and Surgical Anatomy.		Medical and Surgical Anatomy.	
9—11		Pathology and Bacteriology.		Pathology and Bacteriology.		
10—11	Clinical Medicine.		Clinical Medicine.		Clinical Medicine.	
11—12	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	Clinical Surgery.	
2—3	Obstetrics.	Obstetrics.	Obstetrics.	Gynæcology.	Gynæcology.	
3—4	Senior Practice of Medicine.		Senior Practice of Medicine.		Senior Practice of Medicine.	
4—5	Surgery.	Surgery.	Surgery.	Surgery.	Surgery.	
5—6			Sanitary Science.			

OFFICERS OF INSTRUCTION.  
FACULTY OF MEDICINE.

FORTY-SECOND SESSION, 1895-96.

*Medicine.*

- FIFE FOWLER, M.D., L.R.C.S., EDIN.,  
Professor of the Principles and Practice of Medicine. Dean of the Faculty.  
ISAAC WOOD, M.A., M.D., Assistant.  
H. J. SAUNDERS, M.D., M.R.C.S., NNG.,  
Professor of Clinical Medicine and Dermatology.  
JOHN HERALD, M.A., M.D.,  
Professor of Materia Medica, Therapeutics and Pharmacy. Secretary of the Faculty.

*Surgery.*

- HON. MICHAEL SULLIVAN, M.D.,  
Professor of the Principles and Practice of Surgery.  
W. G. ANGLIN, M.D., Assistant.  
R. W. GARRETT, M.A., M.D.,  
Professor of Clinical Surgery.

*Obstetrics and Gynæcology.*

- K. N. FENWICK, M.A., M.D., M.R.C.S., ENG., F.O.S., EDIN., Professor.

*Medical Jurisprudence.*

- W. G. ANGLIN, M.D., M.R.C.S., ENG., Professor.

*Sanitary Science.*

- ISAAC WOOD, M.A., M.D., Professor.

*Anatomy.*

- EDWARD RYAN, B.A., M.D.,  
Professor of Systematic Anatomy.  
D. E. MUNDELL, B.A., M.D.,  
Professor of Surgical Anatomy.  
J. W. CAMPBELL, B.A., M.D.,  
Demonstrator of Anatomy.

*Pathology and Bacteriology.*

- W. T. CONNELL, M.D., M.R.C.S., ENG., L.R.C.P., LOND., Professor.

*Diseases of the Eye, Ear, Throat and Nose.*

- J. C. CONNELL, M.A., M.D., Professor.

*Mental Disease.*

- C. K. CLARK, M.D., Medical Superintendent Asylum for Insane.

*Biology, Physiology and Histology.*

- JAMES FOWLER, M.A., F.R.C.S.,  
Professor of Botany and Vegetable Histology.  
A. P. KNIGHT, M.A., M.D.,  
Professor of Animal Biology, Physiology and Histology.  
D. CUNNINGHAM, B.A., M.D., Fellow in Physiology.

*Chemistry and Applied Chemistry.*

- W. L. GOODWIN, B.Sc., EDIN., Professor.

## ANNOUNCEMENT.

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The Forty-second Session will commence on Tuesday, Oct. 1st, 1895. The formal opening will take place on Oct. 8th, 1895, at 3 p.m. Short addresses will be given by members of the Faculty and friends of Medical Education.

Certificates of attendance are recognized by the Royal College of Surgeons of London and Edinburgh, so that those possessing the Degree of M.D. from Queen's University, are entitled to all the privileges in Great Britain that are accorded to the students and graduates of other Colonial Colleges and Universities.

The medical department occupies very commodious premises immediately adjacent to Queen's College, the School of Mining and Agriculture, and the Hospital. The Dissecting Room is large, well lighted and ventilated; the class rooms are commodious and comfortable. The Large Museum, and the Histological and Pathological Laboratory, recently fitted up, are on the first floor, and are supplied with all the necessary modern apparatus for the practical teaching of those important branches of the Medical Curriculum—such as microscopes, microtomes, warming stage, moist chambers, staining fluids, mounting materials, and other appliances. Students are afforded superior advantages for examining morbid specimens and for the study of Histology and Bacteriology.

Instruction in every branch is given by Lectures, Recitations and Clinical teaching, and is made as thorough and practical as possible. The Faculty, having now at its command all the apparatus and appliances necessary for imparting a sound medical education in every branch of the Curriculum, is in a position to offer to students all the advantages to be obtained anywhere else in the Dominion.

An abundant supply of dissecting material affords unrivalled opportunities for the study of Practical Anatomy, the foundation of all medical knowledge.

The Kingston General Hospital and Hotel Dieu, both within a few minutes' walk of the University buildings, are open to the students, and offer every facility for the prosecution of Clinical studies. Students, if they so desire, can visit the Penitentiary Hospital with DR. STRANGE, and the Hospital for the Insane with DR. CLARKE, the Superintendent, in addition to visiting the other Hospitals.

The General Hospital has now accommodation for two hundred patients, its capacity having been largely increased by the completion of the Nickle wing. Another building, a bequest of the late Michael Doran, specially for Obstetric and Gynæcological cases, has been erected. A theatre for *post mortem* examinations has also been built. A new operating amphitheatre, the gift of DR. K. N. FENWICK, is in course of erection and will be ready by the opening of next session. It is being built on the most approved modern plans, and specially constructed to afford students every facility for observing Surgical operations.

As proofs of the Superior quality of the instruction given, the Faculty points with pride to the high positions taken by its students at the examinations of the Medical Council of Ontario, and of the Royal College of Surgeons of England, as well as to the professional success of its graduates everywhere.

Kingston is, moreover, a healthful and pleasant city, while the cheapness of living is such as to commend it to the notice of all intending students.

Good board in respectable houses may be obtained at prices ranging from \$3.00 to \$4.00 per week. List of boarding and lodging houses can be obtained on application to the Registrar of the University.

## CURRICULUM.

Candidates for the Degrees of M.D. and C.M., or the College Diploma, must have completed a period of four years' study, which must comprise four winter sessions and one summer session, and have passed the Matriculation Examination of Queen's College, as follows, or the equivalent :

English Language, Grammar and Composition.  
Arithmetic, with Vulgar and Decimal Fractions.  
Algebra, including Simple Equations.  
Geometry, first two books of Euclid.

1895 { Virgil, *Æneid*, II.  
      { Cæsar, *Bellum Gallicum*, V, VI.

1896 { Virgil, *Æneid*, III.  
      { Cæsar, *Bellum Brittanicum*, V, VI.

Translation from English into Latin prose, involving a knowledge of Bradley's Arnold, Exercises 1-24 and 49-64 inclusive.

Translation at sight, with the aid of vocabularies, of easy passages from Latin authors.

A paper on Latin Grammar.

For practice in writing continuous Latin prose, candidates are recommended to study Simpson's Latin Prose (Part I).

Natural Philosophy, as in Stewart's *Physics*, or one book in Greek, French or German.

NOTE.—After 1895, all students must take Physics at their Matriculation Examination unless they have passed previously the Primary Leaving or Senior Leaving Examination in Physics or an equivalent.

Graduates and Matriculants in Arts from any recognized University, and all who have passed the Matriculation Examination of the Medical Council of Ontario, are not required to pass the above Matriculation Examination.

The Matriculation Examination must have been passed before a student can be admitted to any of the Professional Examinations, although lectures may be attended before passing it.

Graduates in Arts may complete their Medical Curriculum in three years.

Every candidate must have given regular attendance on Full Courses of Instruction in the following Departments for the periods stated, during at least three sessions :

# SUBJECTS OF STUDY AND FEES.

## 1st year :—

Botany and Animal Biology .....	\$ 6 00
Anatomy .....	12 00
Physiology.....	12 00
Histology .....	8 00
Chemistry—Theoretical .....	12 00
Practical Anatomy .....	8 00
Materia Medica.....	12 00
	————\$70 00

## 2nd year :

Anatomy .....	\$12 00
Physiology .....	12 00
Materia Medica—Therapeutics .....	12 00
Practical Pharmacy.....	6 00
Chemistry—Theoretical .....	12 00
Chemistry—Analytical .....	12 00
Practical Anatomy .....	8 00
Histology .....	
	————\$74 00

## 3rd year :—

Practice of Medicine .....	\$12 00
Clinical Medicine.....	12 00
Surgery .....	12 00
Clinical Surgery .....	12 00
Obstetrics and Gynæcology .....	12 00
Jurisprudence .....	12 00
Pathology and Bacteriology .....	12 00
	————\$84 00

## 4th year :

Practice of Medicine .....	\$12 00
Clinical Medicine.....	12 00
Surgery .....	12 00
Clinical Surgery .....	12 00
Obstetrics and Gynæcology .....	12 00
Medical and Surgical Anatomy. ....	10 90
Sanitary Science .....	6 00
Pathology and Bacteriology .....	12 00
	————\$86 00

Students taking the classes of Histology and Pathology must pay a Laboratory fee of \$2.00 for the use of microscopes and reagents, which fee must be paid every session the class is taken.

The above course of study may have been pursued either wholly at Queen's, or partly at Queen's and partly at some other recognized Medical School. In the latter case, at least one full session must have been spent at this University.

Certificates of attendance on lectures are accepted from incorporated Medical Schools in the British Dominions, and others recognized by British Universities and licensing Colleges. Other certificates of attendance on Lectures may be accepted at the discretion of the Faculty.



Students who have passed the Primary Examination in Botany and the Senior Leaving Examination in Zoology of the Education Department will not be required to take these subjects during their medical course.

All students must present evidence of having compounded medicine for a period of six months, in the office of a regularly qualified Medical Practitioner, and of having attended at least six cases of Midwifery. Students must also present evidence of having attended six post mortem examinations, as well as certificates showing a practical knowledge of the use of the microscope and ability to prepare microscopic specimens.

Matriculated students or graduates in the Faculty of Arts who have attended during their course, any course of lectures, or of practical instruction of the character and duration required by the Curriculum in Medicine, may obtain certified tickets of the course, on payment of the ordinary fee demanded from students in medicine, less the Laboratory fees paid during their Arts course.

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## EXAMINATION AND GRADUATION.

Every candidate intending to appear at the Final Examination must, on or before the 5th day of March in the year in which he proposes to graduate, furnish a declaration under his own hand that he is twenty-one years of age, or that he will be so before the day of graduation, accompanied by a certificate of good moral character, and a statement of his medical studies, with proper certificates.

### EXAMINATIONS.

Examinations are required at the end of every session, as follows :

At the end of the first session :—

Botany, if not taken at matriculation. Anatomy—Bones, Muscles and Ligaments, Animal Biology and Physiology, Theoretical Chemistry, Materia Medica.

At the end of the second session :—

Anatomy, Physiology, Histology, Materia Medica and Therapeutics. Chemistry—Theoretical and Analytical.

At the end of the third session :—

Practice of Medicine and Therapeutics, Surgery, Obstetrics and Gynæcology, Pathology, Jurisprudence.

At the end of the fourth session :—

Practice of Medicine, Surgery, Obstetrics and Gynæcology, Medical and Surgical Anatomy, Sanitary Science, Pathology and Bacteriology.

On each senior paper the examiner will put pass and honour questions. Students desiring rank must answer both.

A candidate cannot obtain University rank for any of the foregoing examinations until he has matriculated.

Supplemental Examinations will be held commencing September 17, at 10 a.m.

Students in Arts who have the study of Medicine in view are advised to take during their Arts Course the Honour Subjects in Animal Biology and thus complete part of the Practical Anatomy, and all of the Physiology and Histology of their Medical Course.

#### EQUIVALENT EXAMINATIONS.

The following courses and examinations in Arts will be accepted in Medicine :

##### *Faculty of Arts.*

##### *Faculty of Medicine.*

1. Course and examination in Botany (Junior).
2. Honour course and examination in first year Animal Biology.
3. Honour course and examination in 2nd year, Animal Biology including Histology.
4. Course and Examination in Junior Chemistry.
5. Course and examination in Senior Chemistry, Nos. 1, 2 and 4 Arts Calendar.
6. Course and examination in 1st year Honors, Nos. 2, 4 and 5.

1. Course and Examination in Botany.
2. Course and examination in 1st year Physiology.
3. Course and examination in 2nd year Physiology and Histology.
4. Course of 1st year Chemistry. (See Calendar, p. 55).
5. Course and examination in 2nd year Chemistry.
6. Course and examination in Analytical Chemistry.

NOTE : Equivalents 2 and 3 do not apply to arts graduates prior to 1894.

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## FEES.

Registration Fee, first session .....	\$ 6 00
Each subsequent Registration .....	2 00
Degree of M.D. .... .	25 00
Degree of C.M. .... .	5 00
Diploma of Royal College Physicians and Surgeons .....	20 00
Fellowship of Royal College of Physicians and Surgeons .....	50 00
Each Yearly Examination .... .	3 00
Supplemental Examination .....	10 00

Payment for two full courses in any class, and attendance in the same, entitles the student to a perpetual ticket for that class. Practical Anatomy, Theoretical and Practical Chemistry, Practical Pharmacy, Histology, Pathology and Botany are exceptions, and for these payment is required every year during which they are taken.

The Kingston General Hospital may be attended by students during the whole period of study for one payment of \$12 at the commencement.

The Diploma of the Royal College of Physicians and Surgeons is open to Graduates in Medicine of Queen's University, in good standing on payment of the fee.

All Class, Registration and Examination Fees are payable to Dr. Fowler, Dean of the Faculty of the University, and must be paid in advance.

Fees for the Degrees of M.D. and C.M. are payable to Dr. Bell, the Registrar of the University.

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## PRIZES.

Besides University Prizes, Scholarships, and Honours, open to Medical Students, the following are offered every year, viz:—

### 1. At the end of the second session —

Two demonstrators and four prosectors in Anatomy will be chosen by the Professor of Anatomy and the Lecturer on Practical Anatomy.

A prize \$25.00 to be awarded to the student making the highest number of marks on this year's examinations in Anatomy, Physiology, Materia Medica.

### 2. At the end of the third session :—

Four House Surgeoncies at the Kingston General Hospital of six months each, two during the summer and two during the Winter, to be awarded to the four students making the highest percentages on the examinations of the year. Candidates for these appointments must have passed all previous examinations.

3. At the end of the fourth session :—

Two University medals to be awarded to the two students making the highest percentages on the pass and honour examinations of the year.

A six weeks course in Gynæcology at the Post Graduate School of Medicine, New York, to be awarded to the student making the highest number of marks on the Final Examination in Obstetrics and Gynæcology.

This prize is given by the President of the Post Graduate School.

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## STUDENTS' APPOINTMENTS.

Dressers in Eye and Ear Department.

Surgical Dressers. Final Students will be arranged in classes to act as dressers in the Surgical wards, where they will have an opportunity of practising bandaging and the use of other Surgical appliances.

Clinical Clerks.—Medical and Gynæcological.

These will be appointed from among the Final students to take charge of cases in the Medical and Gynæcological wards.

Prosectors to chair of Anatomy (4), to each of whom a Diploma of Merit is awarded.

Examinations will be held immediately before the Examinations of the Medical Council, which commence in the City of Kingston in April.

All who desire to practise medicine in Ontario must pass the Matriculation and other Examinations of the Medical Council.

All applications with reference to Medical Studies to be made to the Dean or Secretary of the Faculty.

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## COURSE OF INSTRUCTION.

### I. THEORY AND PRACTICE OF MEDICINE—(PROF. FOWLER).

This class consists of a Senior and Junior Course of Fifty Lectures each, embracing the following divisions, viz: The General Principles of Medicine, the Nature and Cause of Disease, Symptoms, Intercurrent Affections during the course of a disease, Diagnosis, Means of Prevention and General and Special Treatment; together with the Classification of Diseases, the Morbid

Changes of the different organs and structures of the body affected, and the Hygienic Management of Patients.

These Lectures are illustrated by plates, morbid specimens and models of diseased parts.

2. PRINCIPLES AND PRACTICE OF SURGERY.—(PROF. SULLIVAN).

This course consists of 100 Lectures, part of which will be given in the class room of the College and part in the Hotel Dieu Hospital. In the latter institution patients illustrating the Lectures will be exhibited to the class and operations performed in the presence of the students.

These Lectures, besides the Principles and Practice of Surgery, will include a course of Surgical Anatomy and Surgical Pathology, illustrated by plates, models and specimens, explaining the most recent theories. The use of instruments and surgical Pathology, illustrated by plates, models and specimens, explaining the most recent theories. The use of instruments and surgical apparatus and appliances is taught ; the chief operations are performed on a cadaver, and advantage is taken to give a concise and practical course in special surgery, introducing the latest and most improved operations and modes of treatment, with the use of such instruments as are employed in special surgery.

3. OBSTETRICS AND DISEASES OF WOMEN—(PROF. K. N. FENWICK).

This course consists of 100 Lectures, embracing the Principles and Practice of Obstetrics and a full course on Gynæcology, illustrated by drawings, models, the use of the artificial pelvis, etc.

The class will be admitted in sections to see the operations in the Doran Building.

Ample opportunities will be afforded to the students for studying this important branch practically, as they will be arranged in classes to attend the Obstetric practice of the Hospital.

Full instructions will be given for the after-management of Obstetric Cases ; and the accidents and diseases of that critical period will be properly discussed, and also the diseases of infancy and early childhood.



4. MATERIA MEDICA, THERAPEUTICS AND PHARMACY—(PROF. HERALD).

In this course, which consists of 100 Lectures, all the important drugs used in medical, surgical and obstetrical practice will be fully described and their properties, preparations and doses given. Their therapeutic action, and the conditions in which a particular medicine of a certain class is more suitable than others of the same class, will receive special attention. Instruction in Prescription Writing forms a characteristic feature of the Materia Medica course.

This course will be illustrated by plates, and specimens of the various drugs and chemicals used in medicine.

5. ANATOMY—(PROF. RYAN).

Anatomy is taught in the most practical manner possible.

Five Lectures a week are given in the Anatomy class-room, and are fully illustrated by recent dissections on the cadaver, and also by plates, drawings and preparations.

Four of the best dissectors among the third year students are chosen each session as *prosectors*, and these, under the direction of the Professor, make careful dissections of the parts to be brought before the class. Thus students not only hear a description of the tissues of the body, but see them properly dissected and lying in their natural relations to each other. Every facility for studying Anatomy is afforded the students, and prizes are given at the end of the Session for the best examinations passed.

6. ANIMAL BIOLOGY INCLUDING PHYSIOLOGY AND HISTOLOGY—(PROF. KNIGHT AND DR. CUNNINGHAM.)

This includes an elementary course of Lectures and Demonstrations on Animal Biology and Physiology for first year students and a course of Lectures on Physiology for second year students.

Students are instructed in the use of various physiological instruments, such as the sphygmograph, spirometer, manometer, etc., and everything is done, as far as time will permit, to make them practically acquainted with modern Physiology, its methods, its deductions, and the basis upon which the latter rest.



The minute anatomy of the various tissues and organs will be illustrated by models, diagrams, and a large number of sections of both fresh and prepared tissues which will be furnished to each student, for examination under the microscope. These sections must be carefully studied, drawn and described in a blank book specially provided for the purpose; and this sessional work, if satisfactory, will be accepted in lieu of a practical examination in histology at the end of the session.

7. THEORETICAL CHEMISTRY—(PROF. GOODWIN).

This course comprises Chemical Physics, Chemical Philosophy, Inorganic and Organic Chemistry.

The Lectures are fully illustrated by experiments.

8. ANALYTICAL CHEMISTRY—(PROF. GOODWIN.)

Thorough instruction is given in the Laboratories of the University, under the personal supervision of the Professor and his assistant. The course is entirely Laboratory work, and includes blowpipe manipulations, the use of the apparatus, qualitative and quantitative analysis, toxicological investigations, urinalysis, etc.

9. MEDICAL JURISPRUDENCE—(PROF. ANGLIN).

This course includes documentary and oral evidence, identification, real and apparent death, autopsies, the taking down of evidence, the appearance of wounds and other external injuries before and after death, effects of suffocation, drowning, the detection of blood stains, seminal fluid, etc.; the evidence of rape, criminal abortion, concealment of pregnancy and infanticide; insanity, feigned diseases, impotence, sterility, legitimacy, survivorship, life assurance, malpractice, and Medical Toxicology. The Lectures are illustrated with plates and specimens when necessary.

10. PRACTICAL ANATOMY—(DR. CAMPBELL).

The Dissecting Room will be open from 8 a.m. to 6 p.m. for the use of the students; and instruction will be given every day in dissecting, and in the details of Practical Anatomy, by the Demonstrator or his assistants. Students are furnished with material for dissection, of which there is always an abundant supply in the institution.

11. CLINICAL MEDICINE—(PROF. SAUNDERS).

1. Clinical study of Diseases, with reports of cases.
2. The instruments employed in the diagnosis of disease.
3. Physical diagnosis of diseases of the heart and lungs.
4. Physical diagnosis of diseases of the abdomen.
5. The chemical and microscopical examination of the blood, expectoration, vomited matters and urine.

12. CLINICAL SURGERY—(PROF. GARRETT).

These Lectures are given upon the various Surgical cases in the wards of the General Hospital. They are delivered at the bedside or in the Theatre of the Hospital. When the Lectures are delivered in the Theatre the patients are brought in and their diseases exhibited to the class; the symptoms, diagnosis, treatment, course and probable termination of them are pointed out, and all the circumstances attending their cases thoroughly impressed upon the minds of the students. When requiring it the Lectures are elucidated by plates, surgical apparatus, morbid specimens, models, etc. All operations are performed in presence of the class.

Special instruction will be given in the application of splints, bandages and antiseptic appliances.

13. SANITARY SCIENCE—(PROF. WOOD).

14. BOTANY—(PROF. FOWLER).

The Lectures will be illustrated by drawings, microscope sections, dried specimens, and living plants.

15. PATHOLOGY AND BACTERIOLOGY—(PROF. W. T. CONNELL).

This course includes post mortem examinations and the gross and microscopic appearance of diseased specimens.

Instruction in Medical and Surgical Pathology will be given by means of Lectures and demonstrations upon recent morbid specimens, and upon many valuable preparations already in the Museum of the College.

Ample opportunities will be afforded the students to acquire a thorough practical knowledge of the microscopical appearance

and modes of preparation of the different pathological conditions of the various organs and tissues of the body.

16. MEDICAL AND SURGICAL ANATOMY—(PROF. MUNDELL).

This course is given in accordance with the requirements of the Medical Council of Ontario. It is chiefly for final students, and embraces all the important branches of Anatomy as applied to Medicine and Surgery. The situation of the different internal organs, the course of Arteries, Veins and Nerves, and the prominent points of the body which serve as guides to the Physician and Surgeon, will be pointed out on the cadaver and the course made as practical as possible.

17. PRACTICAL PHARMACY—(PROF. HERALD).

This course consists of 25 Lectures, illustrated by Pharmaceutical Preparations; the dispensing of Prescriptions, illustrating Chemical and Physical Incompatibilities; and the testing of Drugs especially so as to distinguish those which in appearance closely resemble each other.

18. DISEASES OF THE EYE, EAR, THROAT AND NOSE—(DR. CONNELL).

A complete course is given during the summer session, at the close of which a special examination is held and a certificate granted to those who pass. The course includes private instruction in the use of the Ophthalmoscope and Laryngoscope, students being taken in rotation to Dr. Connell's office. During the winter session operations and clinics are given in connection with Clinical Surgery.

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### BOOKS RECOMMENDED TO STUDENTS.

ANATOMY—Gray, \$6.50; Heath, \$4.50; Quain, \$10.80; Holden.

INSTITUTES OF MEDICINE—Kirke's Physiology, \$4.50; Foster's American Ed., \$4.50; McKendrick's.

MATERIA MEDICA, PHARMACY AND THERAPEUTICS—Bar-

tholow's *Materia Medica and Therapeutics*, Hare's *Practical Therapeutics*, Mitchell's *Bruce's Materia Medica and Therapeutics*, Potter's *Materia Medica, Pharmacy and Therapeutics*.

PRINCIPLES AND PRACTICE OF SURGERY—Walsham and Bryant and Erichsen and Moulin's *Surgery*; for reference, any of the larger works. For "Minor Surgery," Heath's *Minor Surgery and Bandaging*.

THEORY AND PRACTICE OF MEDICINE—Roberts, \$5; or Osler; Duanes' *Students' Medical Dictionary*.

OBSTETRICS—Galabin's or Lusk's *Midwifery*, \$3; Baldy or Garrigue, \$3; Smith on *Diseases of Children*, \$5.

PATHOLOGY—Bolby, Green, Delafield.

CHEMISTRY—Goodwin's *Text Book of Chemistry*, Holland's *the Urine, &c.*

BOTANY—Gray's *Structural and Systematic Botany*, vols. 1 and 2.

MEDICAL JURISPRUDENCE—Reese's *Medical Jurisprudence*, Taylor's *Medical Jurisprudence* (11th Am. Ed.); for reference, McLean Hamilton and Tidy.

SANITARY SCIENCE—Wilson's *Hand Book*, Parke's *Practical Hygiene*. Rohe's *Text book of Hygiene*.

HISTOLOGY—Shafer or Sterling.

ELEMENTARY ANIMAL BIOLOGY—Dr. Campbell.

PRACTICAL ANATOMY—Heath, \$4.50; or Ellis.

ELEMENTARY PHYSIOLOGY—Foster and Shore.

DISEASES OF THE EYE—Swanzy, Nettleship, Noyes, Berry, Fuchs, Roosa, Hartridge.

DISEASES OF THE EAR—Pritchard, Politzer, Deuch, Buck, Pomeroy, Burnett.

DISEASES OF THE THROAT AND NOSE—Burnett's *System*, Bosworth, MacKenzie, Macdonald, Lennox Browne, Sajous.

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## MUSEUM.

The Museum contains numerous valuable Pathological Specimens, collected both from Hospital and private practice. A

large number of models of plaster of Paris, etc., belong to the Pathological Department. Anatomy is fully illustrated by models of dissections of various parts of body, especially the Brain, Heart and Lungs.

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### LIBRARY.

The Library of the University, to which students have access, is furnished with the Standard Text-Books and Works of Reference. The reading room is always provided with the leading Medical and Surgical publications and periodicals of the day.

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### SUMMER SESSION.

The Summer Session will commence on May 2nd, immediately after the Council Examinations.

The fee for the summer session is \$20. Tickets may be obtained from the Dean of the Faculty.

TIME TABLE—SUMMER SESSION, 1896.

SUBJECT.	MONDAY.	TUESDAY.	WEDNESDAY.	THURSDAY.	FRIDAY.	SATURDAY.	WHERE HELD.
Operative Surgery .....	4.00		4.00		4.00		Medical College.
Clinical Medicine .....	10.00		10.00		10.00		General Hospital
Clinical and Minor Surgery and Bandaging .....	11.00		10.00		11.00		General Hospital
Clinical Obstetrics and Gynecology .....		11.00		11.00			General Hospital
Mental Diseases .....		2.00		2.00		2.00	Rockwood Hospital
Hotel Dieu Clinics .....	3.00		3.00		3.00		Hotel Dieu
Bacteriology .....	12.00		12.00		12.00		Medical College.

CLASSES TAKEN DURING SUMMER BUT NOT PART OF SUMMER SESSION.

Botany .....	9.00	9.00	9.00	9.00	9.00		Arts Building
Diseases of Eye, Ear, Throat ..	9.00	9.00	9.00	9.00	9.00		General Hospital.
Sanitary Science .....	8.00	8.00	8.00	8.00	8.00		Medical College.



## College of Physicians and Surgeons of Ontario.

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### SECTION 1.

#### MATRICULATION.

1. Every one desirous of being registered as a Matriculated Medical Student in the Registrar of this College, except as hereinafter provided, must on and after the first day of November, 1892, present to the Registrar of the College the Official Certificate of having passed the Department Art Pass Matriculation Examination, and in addition Physics and Chemistry, whereupon he or she shall be entitled to be so registered upon the payment of twenty dollars, and giving proof of identity.

2. Graduates in Arts, in any University in Her Majesty's Dominions, are not required to pass this examination, but may register their names with the Registrar of the College upon giving satisfactory evidence of their identity and certificate of qualifications, and upon paying the fee of twenty dollars.

3. Every Medical Student after Matriculating shall be registered in the manner prescribed by the Council, and this shall be held to be the preliminary to his Medical studies, which will not be considered to begin until after the date of such registration.

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### SECTION 2.

#### MEDICAL CURRICULUM.

1. On and after the first day of July, 1892, every student must spend a period of five years in actual Professional studies, except as hereinafter provided; and the prescribed period of studies shall include four Winter Sessions of six months each and one Summer Session of ten weeks. The fifth year shall be devoted to Clinical work, six months of which may be spent with a Registered Practitioner in Ontario, and six months at one or more Public Hospitals, Dispensaries, or Laboratories devoted to

Physiological or Pathological research, Canadian, British, or Foreign, attended AFTER being registered as a Medical Student in the Register of the College of Physicians and Surgeons of Ontario,—“But any change in the curriculum of studies fixed by the Council shall not come into effect until one year after such change is made.”

Homœopathic Students who attend four sessions at any Medical College where nine-month sessions are taught, to be held equal to four Winter Sessions, and one Summer Session of this College. This shall not in any way interfere with the Practical and Clinical work as prescribed by the Medical Council of Ontario for the fifth year.

2. Graduates in Arts or Science of any College or University recognized by the Council, who shall have spent a year in the study of Physics, Chemistry and Biology, and have passed an Examination in these subjects for Degree in Arts or Science, shall be held to have completed the first year of the five years of Medical Study, and will only be required to pass three years after graduating in attendance upon Medical Studies, and having spent one year thereafter in practical Clinical work before being admitted to their FINAL Examination.

No tickets for Lectures will henceforward be accepted by the Council unless it is endorsed thereon that the pupil had attended at least 75 per cent. of each course of said Lectures, as shown by the teacher's own roll.

3. Application for every Professional Examination must be made to the Registrar of the College of Physicians and Surgeons of Ontario two weeks prior to the Examination. No application will be received unless accompanied by the necessary tickets and certificates, and by the Treasurer's receipt showing the fees have been paid.

4. Each “Six Months' Course” shall consist of not less than Fifty Lectures, and each “Three Months' Course” of not less than Twenty-five Lectures.

5. Every student must attend the undermentioned courses of Lectures in a University College or School of Medicine approved of by the Council, viz :

Two courses of not less than six months each (in the different years), upon

ANATOMY.

PRACTICAL ANATOMY.

PHYSIOLOGY (including Histology).

THEORETICAL CHEMISTRY.

MATERIA MEDICA AND THERAPEUTICS.

PRINCIPLES AND PRACTICE OF MEDICINE.

" " " " SURGERY.

MIDWIFERY AND DISEASES OF WOMEN.

CLINICAL MEDICINE.

" SURGERY.

One course of not less than six months each, upon

MEDICAL JURISPRUDENCE.

MEDICAL, SURGICAL AND TOPOGRAPHICAL ANATOMY.

Two courses of not less than three months each (in the different years), upon

DISEASES OF CHILDREN.

PRACTICAL CHEMISTRY (including Toxicology).

One course of not less than three months each, upon

SANITARY SCIENCE.

PRACTICAL PHARMACY.

One course of ten Lectures upon

MENTAL DISEASES.

One course of fifty Demonstrations upon

PHYSIOLOGICAL HISTOLOGY.

6. Every candidate will be required to prove that he has carefully dissected the adult human body.

7. Also must have attended the practice of a General Hospital for twenty-four months during the first four years of study.

8. Also must have attended six cases of Midwifery.

9. Also, must before being registered as a member of the College of Physicians and Surgeons of Ontario, have passed all the Examinations hereinafter prescribed, and attained the full age of twenty-one years.

10. Graduates in Medicine from recognized Colleges outside the Dominion of Canada, who desire to qualify themselves for registration, must pass the Matriculation required by the Council ; and must attend one or more full Winter Courses of Lectures in

one of the Ontario Medical Schools, and must complete fully the Practical and Clinical Curriculum required by the Council after the fourth year, and shall pass before the Examiners appointed by the Council all the Examinations hereinafter prescribed, so as to complete fully the Curriculum.

11. That British Registered Medical Practitioners on paying all fees and passing the Intermediate and Final Examinations be registered, provided they have been domiciled in Britain for five years after becoming so registered.

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### SECTION 3. EXAMINATIONS.

1. The Professional Examinations are divided into three parts: a "Primary," "Intermediate," and "Final."

2. The Primary Examination shall be undergone after the second Winter Session, and the Intermediate after the third or fourth Winter Session, the Final after the fifth year.

3. The following branches shall be embraced in the Primary Examination:

- a. ANATOMY.
- b. PHYSIOLOGY AND HISTOLOGY.
- c. CHEMISTRY (Theoretical and Practical).
- d. MATERIA MEDICA AND PHARMACY.

4. Every Candidate for the Primary Examination will be required to present with his Lecture Tickets, a Certificate of having undergone and passed an Examination at the School he has attended at the close of his first Winter Session, on Primary Branches. Also a Certificate of ability to make and mount Microscopic Specimens.

5. Each Candidate for Final Examination must present a Certificate of attendance at six post mortem Examinations, and a Certificate of ability to draw up a report of a Post Mortem Examination; and a Certificate of having reported satisfactorily Six Cases of Clinical Medicine, and Six Cases of Clinical Surgery, and of having passed his Intermediate Examination. The Certificates to be signed by the Teachers referred to upon these subjects, or the Practitioner holding Post Mortem.

Also, all Candidates shall (except Arts Graduates) present a Certificate of having passed at the close of their third Session in the College or School they may have attended, an Examination in such parts of Medicine, Surgery, and Midwifery as may be thought advisable by the Faculties of the respective Colleges or Schools. This Examination is not in any way to interfere with any of the Examinations of the Council.

6. The following branches shall be embraced in the Intermediate Examination :

- a.* MEDICAL, SURGICAL AND TOPOGRAPHICAL ANATOMY.
- b.* PRINCIPLES AND PRACTICE OF MEDICINE.
- c.* GENERAL PATHOLOGY, THERAPEUTICS AND BACTERIOLOGY.
- d.* SURGERY, other than Operative.
- e.* SURGERY, Operative.
- f.* MIDWIFERY, other than Operative.
- g.* MIDWIFERY, Operative.
- h.* MEDICAL JURISPRUDENCE, INCLUDING TOXICOLOGY AND MENTAL DISEASES.
- i.* SANITARY SCIENCE.
- j.* DISEASES OF CHILDREN.
- k.* DISEASES OF WOMEN.
- l.* THERAPEUTICS.

7. The Primary and Intermediate Examinations shall be "Written" and "Oral." The Final "Oral" and "Clinical."

8. The following branches will be embraced in the Final Examination :

- a.* CLINICAL MEDICINE.
- b.* CLINICAL SURGERY (including Vaccination).
- c.* DISEASES OF WOMEN.
- d.* DISEASES OF CHILDREN, MEDICAL AND SURGICAL.

9. Any candidate who makes 60 per cent. in three or more branches, but fails in the others, shall receive credit for the subjects so passed and be compelled to pass in the other branches only at a subsequent Examination.

10. Candidates who intend to be examined by the Homœopathic Examiner in special subjects, shall signify their intention to the Registrar at least two weeks previous to the commencement of the Examination, in order that he may provide means of preventing their identification with the other Students, or by the Examiners.

11. In the event of any candidate signifying his intention to



the Registrar to be examined and registered as a Homœopathic Practitioner, due notice of such must be submitted to the Registrar, so that the Examinations may be conducted by the parties appointed for that purpose ; prior to the acceptance of such notice from the candidate, the usual fees must be paid. In the event of any candidate presenting himself for such Examination, due notice must be given by the Registrar to the special Examiner.

12. The next Professional Examinations will be held in Toronto and Kingston on the second Tuesday in April, 1896.

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#### SECTION 4.

#### FEEES.

##### 1. Fees after 1st of July, 1889 :

a. Registration of Matriculation .....	\$ 20 00
b. Primary Examination .....	30 00
c. Final Examination, including Registration .....	50 00

This is not to affect any Student who is registered as a Matriculant prior to 1st July, 1889.

2. All fees must be paid in lawful money of Canada, to the Treasurer of the College.

3. No candidate will be admitted to any Examination until the fee for such Examination is paid in full.

4. Candidates who have failed in any Professional Examination shall pay a fee of Twenty Dollars for each subsequent Examination.



## EXAMINATION PAPERS.

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### SENIOR PHYSIOLOGY.

1. Classify the organic proximate principles and describe at least two important proteids found in the body.

2. Describe minutely the life history of red blood corpuscles and the relations between them and the plasma.

3. Write notes on nerve-centres and nerve-fibres. Classify the latter and explain use of constant current in medicine.

4. Explain (showing diagram) how a well-defined image of an external object is formed on the retina. What is irradiation and cause?

5. What is function of (a) Eustachian tube, (b) *Crista acoustica*, (c) *Stapedius* muscle?

Explain "pitch of a note," "loudness of sound."

6. Explain fully (a) formation of female pronucleus," (b) "formation of corpus luteum," (c) changes in uterus accompanying menstruation and their significance."

### HONOURS.

1. In visual perception, discuss fully relation of sensation to stimulus and the physiology of color sensations.

2. Discuss fully relation between respiratory and circulatory systems.

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### JUNIOR PHYSIOLOGY.

1. Explain how the duration of a muscular contraction is measured. Discuss the causes of its variation.

2. What are the immediate effects of vaso-motor actions? What are some of the remote effects? Illustrate by reference to the kidneys.

3. "When the brain of a living animal is exposed a rhythmic rise (during expiration) and fall (during inspiration) of the cerebral mass is observed.

(a) Explain the relation of the facts here stated.

(b) Mention other phenomena due to the same cause and explain them.

4. Describe the functions of the mucous membrane of the small intestine.

What is a sensation? Write notes on the sensations of *touch*, *temperature* and *weight*.

# JUNIOR MATERIA MEDICA.

1. Define the following terms:—Bougie, Capsule, Confection, Ointment, Elixir, Vinegar.
2. What is meant by the “Daily Dose” of a Drug? How does it compare with an “Individual Dose” of the same Drug?
3. What are the component parts of a Prescription? Illustrate your answer.
4. Describe the Physiological Action of Medicinal Doses of Quassia. Compare Quassia and Gentian.
5. Describe the Physiological Action of Ammonium Chloride.
6. Give the dose of and classify the following:—Bismuth Subnitrates, Antimonii et Potassii Tartras, Tinctura Digitalis, Ferrum Redactum, Syrupus Pruni Virginianae, Cupri Sulphas.

## SENIOR ANATOMY.

1. Trace the course and give the distribution of ... ..
    - (a) the Hypoglossal nerve, ... .. 15
    - (b) the Lingual artery. ... .. 10
  2. Give (a) the disposition of the Pleura, ... .. 15
    - (b) its nerve supply, ... .. 3
    - (c) its blood supply.... ... .. 2
  3. Describe the Gall bladder and give its relations... .. 25
  4. Name in some order the structures passing
    - (a) through the Sphenoidal fissure, ... .. 5
    - (b) beneath Poupart's Ligament, ... .. 5
    - (c) between the internal malleolus and the os calcis.. 5
  5. Give the boundaries of the Popliteal space... .. 10
- Name in some order the structures found therein... .. 5

## HONOURS.

1. Give the boundaries of a Lateral Ventricle... .. 50
2. What are the constituents of the Spermatic Cord? ... .. 25
3. Trace the course of the Thoracic Duct ... .. 25

## SENIOR MATERIA MEDICA AND THERAPEUTICS.

1. Define Physiological and Chemical Incompatibility. Are drugs which are either physiologically or chemically incompatible ever with advantage dispensed together? Illustrate your answer.
2. Describe the Physiological Action of Ammonia internally administered.
3. Compare Iodoform and Aristol as local dressings.

4. For what purposes are Emetics employed? Compare Ipecac, Apomorphia, Tartar Emetic and Copper Sulphate as Emetics.

5. Give general directions for choosing a preparation of Iron to be used in a case of Anæmia.

6. Give the dose of and classify the following:—Nitrate of Silver, Tincture of Asafœtida, Benzoate of Sodium, Caffeine, Salol, Santonine.

#### HONOUR QUESTIONS.

1. How do Cathartics prove curative in Diarrhœa, "Dropsy," Inflammation of the Brain? Compare Calomel, Aloes and Elaterium as to the part acted upon, their mode of action and the character of the stools produced.

2. Describe the action of Ergot on the Uterus during Labour. Give directions for its use in this case. Compare its actions with that of Quinine and of Chloral Hydrate in Labour.

3. Strychnine in overdose produces convulsions. Describe them. To what are they due? How would you distinguish them from convulsions of Epilepsy?

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#### SANITARY SCIENCE.

1. Mention some of the diseases incidental to school life, their causes, and how they are to be prevented.

2. Describe the methods of detecting the presence of carbon dioxide, organic matter and watery vapour in the atmosphere.

3. How would you ascertain whether the ventilation of a room was efficient?

4. What diseases are traceable to the use of impure water.

#### HONOURS.

5. Describe briefly the different methods of disposal of sewage.

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#### HISTOLOGY.

1. What are the distinguishing characters of epithelium? Describe the squamous variety, tell where it is found, and how it may be isolated for examination.

2. Classify the varieties of cartilage and tell where they are found.

3. Describe the minute structure of the tongue.

4. Draw, describe and identify the three specimens submitted.

5. What can be learnt of the physiology of these tissues from the microscopic examination?

# MEDICAL JURISPRUDENCE.

1. Describe the post-mortem appearances of death by asphyxia, and mention the most common ways in which it may be caused.

2. How is criminal abortion usually induced, and in case of death from abortion what post-mortem proofs are to be found.

3. Mention the fatal dose and the ordinary time in which the following poisons occasion death:—arsenic, mercuric chloride, morphia, strychnine, atropia, aconitine and oxalic acid.

4. How may suicidal be distinguished from homicidal wounds?

HONOURS.

5. Describe the development of the foetus at the different periods of intra-uterine life.

# SURGICAL ANATOMY.

1. (a) Line of superior frontal sulcus. ... .. 5

(b) In Iritis there is spasm of eyelids—trace course of reflex act. ... .. 10

(c) Ligature 3rd part of Subclavian—what is the chief guide to artery and how found after cutting through deep fascia? ... .. 10

2. What is the arrangement of axillary fasciae? ... .. 10

(b) In opening axillary abscess—where would you open and why? ... .. 10

(c) Fracture of Radius below insertion of biceps—what deformity has to be avoided? ... .. 10

3. (a) Lower limit of Rt. pleura... .. 10

(b) What structures are cut through in operating for Appendicitis? ... .. 10

4. Bony landmarks and lines of incision for Lisfranc's operation on foot. ... .. 15

5. A serious swelling behind Ligamentum Patellæ—what two structures may be involved? ... .. 10

HONOURS.

1. Surface markings—anteriorly and posteriorly of Rt. Kidney ... .. 20

2. Make a diagram of Spermatic Cord, showing relative positions of component parts. ... .. 20

3. Lines of incision—at point of election in amputation of leg by large External flap.

# PATHOLOGY.

1. Give in detail the method of procedure in making a post-mortem examination of the Head.

2. Describe the structure and characteristics of (a) Sarcoma, (b) Scirrhus Cancer, and contrast the blood-vessels in these tumors.

3. Name in order of frequency the joints attacked by Tubercular Arthritis, and describe the invasion of a joint so affected.

Describe and diagnose the mounted specimens marked 1, 2, 3.

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## JUNIOR SURGERY.

- |  |    |
|--|----|
| 1. What is Phagocytosis? Explain mode of action. ...                                     | 25 |
| 2. What are properties of Antitoxines, Ptomaines and Leucomaines? ...                    | 15 |
| 3. Give details of how you would treat a severe contused wound of forearm. ...           | 25 |
| 4. What dangers may occur and how met in administration of chloroform by inhalation? ... | 10 |
| 5. Diagnose the commonest form of Luxation of the Shoulder joint. ...                    | 15 |

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## SURGERY.

1. Describe two most common forms of Bacteriæ of interest to the Surgeon. Explain their action.

2. Compare the constitution of the blood in health and inflammation. What value is it in diagnosis?

3. Give in detail the best method of making a post-mortem examination for a Coroner's jury in a case of poisoning by the Stomach.

4. A hard painless lump exists in the Mammary gland, what facts or points would you note to make a correct diagnosis?

5. What principles would govern you in the treatment of injuries to the head?

6. Give characteristics of Sarcoma, diagnosis, varieties of, usual course and termination.

7. Give the boundaries of the inlet and outlet of femoral canal.

8. What are the causes and treatment of Lachrymal fistula?



# SENIOR PRACTICE OF MEDICINE.

1. Give causes of anæmia in young people, and indicate the relation between constipation and anæmia.
2. Mention the complications of acute Rheumatism, and state the means which should be used to prevent the occurrence of these complications.
3. Give the character of Purpura simplex as it occurs in children.
4. Mention the antiseptic precautions which should be used in a sick room in cases of Typhoid fever.
5. Give in order of occurrence the early physical signs in a case of Pulmonary tuberculosis.
6. Enumerate the different forms of colic and give shortly treatment of each.
7. Diagnose a case of apoplexy from alcoholic stupor.

## HONOUR QUESTIONS.

1. In mitral lesions what effects are produced on compartments of heart, lungs and liver (1) by incompetence, (2) by stenosis?
2. What relationship does cirrhosis of kidney, in early and late stages, bear to the heart? State how these relationships affect the symptoms and treatment.
3. What conditions give rise to the presence of pus and blood in urine? How would these conditions be recognised?

# JUNIOR OBSTETRICS AND GYNÆCOLOGY.

1. Give the indications and contra-indications for the use of Ergot and Chloroform in Labor.
2. The diagnostic symptoms of Hydatidiform mole.
3. Describe the treatment of Endometritis.
4. Causes and treatment of Eclampsia.

## HONOURS.

1. Describe Ballotement and Hegar's sign of Pregnancy.
2. Diagnose Rupture of the Uterus from acute inversion.

# SENIOR OBSTETRICS AND GYNÆCOLOGY.

1. What are the requirements for Conception? ... .. 20
2. Give the pathology, symptoms and treatment of Cancer of the Cervix.... .. 25

3. Give the symptoms and treatment of Retroflexion. ... 30
4. Give the causes, symptoms and treatment of Cystitis. 25

HONOURS.

1. Explain the sympathy between the breasts and the uterus during pregnancy. ... 50
2. How would you treat a case of Interstitial ectopic gestation? ... 50

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JUNIOR PRACTICE OF MEDICINE.

1. Diagnose Measles from Scarlet Fever in early stage.
2. Give principal physical signs of croupous pneumonia in order of occurrence.
3. Give treatment of Catarrhal Jaundice.
4. Give symptoms of Sporadic Dysentery.

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ANIMAL BIOLOGY.

1. (a) Classify ova on the basis of segmentation. (b) Show the significance of the germ layers in a natural system of classification.
2. Compare briefly the physiological functions performed by an amœba with those performed by a mammal.
3. (a) Compare the circulation in a fish with that in a bird or mammal. (b) Make a list of arthropods that are parasitic on man.

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JUNIOR CHEMISTRY.

1. (a) What are the characteristic properties of ammonia? (b) How can nitrogen be obtained from it?
2. (a) Show by examples the meaning of the term *chemical valence*. (b) The formula for sulphuric acid is  $\text{H}_2\text{SO}_4$ . Iron (Fe) is trivalent in ferric salts. Write the formula for *ferric sulphate* and explain how the formula is derived from that of sulphuric acid.
3. Phosphorus is burned in air. The product is dissolved in water, the solution boiled and neutralised with caustic soda. To the neutral solution there is added a solution of calcium chloride. Describe the chemical changes which are here indicated, giving names and formulas of compounds.
4. Describe the process by which common alcohol is obtained, indicating particularly the chemical changes involved,

5. (a) What is the normal proportion of carbon dioxide in the atmosphere? (b) How is this proportion affected by (1) breathing and (2) gas flames? (c) How would you test roughly for the proportion of carbon dioxide?

6. Calculate the percentage composition of potassium nitrate ( $K = 39.1$ ,  $N = 14$ ,  $O = 16$ ).

7. (a) What substances are formed when ammonium nitrate is strongly heated? (b) How would you collect and test the properties of the gaseous product?

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#### SENIOR CHEMISTRY.

1. (a) Discuss the action of water on lead. (b) How would you test a sample of water for lead?

2. Give a short account of the principal compounds of chromium.

3. (a) How would you convert a solution of ferrous chloride into one of ferric chloride? (b) Write the formulas for ferrous phosphate and ferric phosphate. (c) Magnetite is dissolved in hydrochloric acid. Write the equation.

4. Classify organic basic substances (a) as to their origin, and (b) as to their chemical composition.

5. Write equations for the reactions which take place when sulphuric acid acts on (a) ethyl alcohol and (b) benzene, and when nitric acid acts on (c) sugar, and (d) phenol.

6. (a) How are sulphonics acids prepared? (b) Compare them with ethereal salts of sulphuric acid.

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#### ANALYTICAL CHEMISTRY.

1. Analyse the solutions marked A and B.

2. Report on the samples of urine C and D.

3. Test the powders E and F and report.

# MEDICAL EXAMINATIONS, 1895.

## PASSED FOR M.D. AND C M.

Abbott, G. A.	Kingston.
Ames, A. J.	Codrington.
Berry, G. H.	Seeley's Bay.
Butler, T. J.	Deseronto.
Craft, R. A.	Deseronto.
Cranston, J. G.	Arnprior.
Drennan, Jennie	Kingston.
Farrell, T. H.	Kingston.
Fleming, H. P.	Ottawa.
Hagar, F. C.	<i>Portland, Co. Leeds</i> Gananoque.
Henderson, N. R.	<i>West Webster, N.Y.</i> Kingston.
Kyle, R. J. L.	<i>South Finch</i> Merewood.
Lofthouse, W. O. R.	Kingston, Jamaica.
Marselis, E. H.	<i>South Finch</i> Donke's Hill.
Merriman, W. H.	Latimer.
McBroom, J. A.	<i>Gananoque</i> Waghburn.
McDonald, H. S., B.A.	Kingston.
McEwen, A.	Hulbert.
McKeown, H. A.	Belleville.
Robinson, A.	Kingston.
Stewart, G. A.	Glenside.
Tillman, H. A.	Kingston, Jamaica.
Whitaker, W. C.	<i>Morrisburg</i> North Williamsburg

## UNIVERSITY MEDALS.

Whitaker, W. C.	North Williamsburg
Farrell, T. H., B.A.	Kingston.

The prize in Gynæcology, being a complete course of six weeks at the New York Post-Graduate School, kindly given by that Institution, was won by Mr. Whitaker.

## HOUSE SURGEONS.

Gibson, J. C., M.A.	Kingston.
Murray, H. G.	Kingston.
Teepell, E. W.	Watertown, N. Y.
Metcalfe, A. A.	Almonte.

## LIST OF GRADUATES.

### **M.D.**

#### **1855.**

Chambers, Daniel.....	Deceased.
Douglas, W. Robert.....	Deceased.
Dunbar, Samuel.....	Deceased.
Herriman, Weston Leroy.....	Lindsay.
Hiller, William.....	Deceased.
Mercer, John G.....	Deceased.
Scott, Wm. S.....	Southampton.
Spafford, H. W.....	Deceased.
MacKellar, Dugald.....	Deceased.

#### **1856.**

Brown, Marshall J.....	Kingston.
Campbell, John H.....	Deceased.
Corbett, George H.....	Orillia.
Franklin, Benjamin.....	Port Burwell.
Yates, Octavius.....	Deceased.

#### **1857.**

Bell, James M.....	Deceased.
Bowers, Samuel S.....	Fond du Lac, Wis.
Chisholm, H. F.....	Deceased.
Crawford, Joseph.....	Arnprior.
Joy, Sylvanus.....	Tilsonburg.
Laidlaw, Alex. R.....	Deceased.
Lawlor, Michael.....	Deceased.
Macdonald, Alex. R.....	Brighton.
Pereault, Julien.....	San Francisco, Cal.
Thibodo, Oliver.....	Arizona.

#### **1858.**

Benson, John R.....	Deceased.
Bethune, Alexander.....	Toronto.
Davis, R. H.....	York, Grand River.
Evans, Henry.....	Deceased.
Elmer, William H.....	Spokane Falls, Wash.
Hackett, Joseph.....	Deceased.
Henderson, Donald.....	Winnipeg, Man.
Mostyn, William.....	Deceased.
Smith, George.....	Deceased.
Sweetland, John.....	Ottawa.
Sullivan, Michael.....	Kingston.

#### **1859.**

Bird, Francis W.....	Deceased.
Byole, Arthur A.....	Toronto.
Campbell, George.....	Wm. Henry
Cluness, William R., B.A.....	San Francisco.
Day, H. W.....	Belleville.
Ferguson, Charles F.....	Kemptville.
Foster, Robert J.....	Deceased.
Henderson, William.....	Deceased.
Lambert, Robert.....	Windsor.
Morden, John H.....	Deceased.
McLean, Caird R., M.R.C.S.....	Meaford.
Sparham, George S.....	Kemptville.



1860.

Bird, Nelson J. ....	San Francisco.
Chanonhouse, Thomas.....	Deceased.
Cranston, James G. ....	Arnprior.
Dupuis, Thomas R., M.R.C.S. 1881.....	Deceased.
Giles, John G. ....	Brockville.
Horsey, Edward H. ....	Deceased.
McKenzie Edward .....	Smith's Falls.
Roche, William P. ....	Deceased.
Rose, George S. ....	Deceased.
✓ Spooner, George D. ....	Deceased.
Trousdale, James C. ....	Deceased.

1861.

Anderson, William J. ....	Winchester Springs.
Blakely, Robert.....	Deceased.
Cogan, Jeremiah R. ....	Deceased.
Corry, Robert.....	Deceased.
Deans, William C. ....	Deceased.
Dunlop, Neil .....	Sydenham.
Farrell, John T. ....	Deceased.
Fraser, John M., B.A., M.R.C.S., 1864 .....	Deceased.
Kelly, David .....	Deceased.
Kelly, Edward J. ....	Deceased.
Kemp, J. A. ....	Deceased.
O'Reilly, Anthony.....	Deceased.
Parker, Robert .....	Stirling.
Ramsay, Robert .....	Deceased.
Taylor, William E. ....	Brisbane.
Thirkell, William G. ....	Sodus, N.Y.
✓ Weir William.....	Deceased.

1862.

Black, William A. ....	Deceased.
Branigan, P. R. ....	Deceased.
Chamberlain, Theodore F. ....	Toronto.
Day, B. W. ....	San Diego.
Fee, S. H. ....	Kingston.
Harrison, Thomas S. ....	Selkirk.
Hamilton, David .....	Batavia, N.Y.
Johnston, Absalom H. J. ....	Lockport, N.Y.
Kellock, J. D. ....	Perth.
Meadows, R. W. ....	H. M. Service.
McKenzie, Andrew .....	Deceased.
Macdonald, J. A. ....	Port Arthur.
Macpherson, Alexander .....	Deceased.
Reily, Adrian.....	Welland.
Skinner, Henry .....	Deceased.
Spencer, Henry.....	Deceased.
Switzer, Wilson Henry .....	Deceased.
Thibodo, Robert .....	Deceased.
Tracy, Robert.....	Belleville.
✓ Young, Daniel .....	Conway.

1863.

Aylesworth, Arch. R. ..	Deceased.
Beckett, James .....	Deceased.
Bray, John L. ....	Chatham.
Chanonhouse, John .....	Eganville.
✓ Coleman, William F. ....	163 State St., Chicago

Dickson, John R. ....	Deceased.
Elwell, W. D. ....	Deceased.
Ferguson, Ed. G. ....	Macon, Georgia.
Ferguson, R. B. ....	Deceased.
Howells, Thomas B. ....	Deceased.
Ingersoll, Isaac F. ....	Picton
Irwin, Chamberlain A. ....	Deceased.
Kennedy, R., L.R.C.S., Edin, 1843, M.D. Univ. St. Andrew 1843 ....	Bath.
Kincaid, Robert. ....	Olympia, W.T.
Lavell, Michael. ....	Kingston.
Litchfield, J. P. ....	Deceased.
Moore, Andrew. ....	Deceased.
McCammon, James ....	Deceased.
McLean, Thomas F. ....	Goderich.
Nichol, James. ....	Deceased.
Oliver, Alfred S. ....	Kingston.
Ross, Thomas K. ....	Fredonia, N.Y.
Ruttan, Joseph B. ....	Wellington.
Shirley, Joseph W. ....	Watford.
Smith, John R. ....	Deceased.
Sullivan, Thomas. ....	Deceased.
Watson, Charles V. ....	Wellington.
Wilson, John R. ....	Deceased.
✓ Yates, Horatio ....	Deceased.
✓ Yeomans, Horace P. ....	Deceased.
1864.	
Bigham, Hugh. ....	Deceased.
Comer, A. T. ....	New York City.
Davidson, Myers. ....	Deceased.
Dunn, Andrew T. ....	North Augusta.
Fenwick, T. M. ....	Kingston.
Fox, Edward C. ....	
Gleeson, James. ....	Deceased.
Grasse, Sidney D. ....	Deceased.
Hoare, Walter W. ....	Strathroy.
Milliner, W. S. ....	Oswego.
McIntyre, Duncan. ....	Glencoe.
Preston, Robert H. ....	Newboro.
Searls, Atraham W. ....	Deceased.
Taylor, James ....	Tara.
Thronton, William M. ....	Deceased.
✓ Wartman, Philander C. ....	Deceased.
1865.	
Agnew, John ....	Deceased.
Bell, Alexander ....	Lakefield.
Bigham, John. ....	Deceased.
Bowen, Robert. ....	H. M. Service.
Deans, George. ....	Trenton.
Heggie, David. ....	Brampton.
Horsey, Alfred. ....	Ottawa.
Kertland, Edwin H. ....	Toronto.
Massie, John. ....	Deceased.
Morden, James B. ....	Picton.
McLaren, Alexander. ....	Lancaster.
Neish, James ....	Kingston, Jamaica.
Reeve, Richard A. ....	Toronto.
✓ Tracy, Thomas B. ....	Deceased.
✓ Weeks, W. J. ....	Ottawa.

1866.

Armstrong, Alfred.....	Deceased.
Beattie, William.....	Wryran.
Bell, John.....	Deceased.†
Darragh, R. J.....	Portsmouth.
Jones, Henry M.....	Marmora.
Kahkewaquonoby.....	Toronto.
Lake, Charles B.....	Ridgetown.
Mark, Robert.....	Ottawa.
Newton, John.....	Deseronto.
Price, Robinson B.....	Kingston.
✓ Somerville, James A.....	Marionette, Wis.

1867.

Armstrong, Albert.....	Arnprior.
Campbell, Joseph.....	Ontario, N.Y.
Dugdale, John J.....	Deceased.
Howell, George W.....	Tweed.
Meagher, Daniel.....	Montreal.
Munro, John C.....	South Finch.
Munro, David.....	Perth.
Patterson, James R.....	Port Elgin.
Valleau, George Z.....	
Wafer, Francis M.....	Deceased.
✓ Walker, Allen H.....	Toronto.

1868.

Abbott, Samuel A.....	Deceased.
Bingham, James.....	Peterboro.
Booth, Donald B.....	Odessa.
Bleasdel, Charles E.....	Deceased.
Clark, James.....	Bay City, Mich.
Corbett, Henry T.....	Deceased.
Dickson, John R.....	Deceased.
Erly, Francis W. J.....	Deceased.
Johnstone, David.....	Kincardine.
Nesbitt, Edward.....	Deceased.
Oliver, John K.....	Deceased.
O'Sullivan, John.....	Deceased.
✓ Rockwell, Albert.....	West Duluth, Minn.
Saunders, Lawrence.....	Deceased.

1869.

Alexander, James A.....	Deceased.
Alway, Enoch.....	Binbrook.
Bethune, Henry T.....	Clanbrassie.
Bice, Mark.....	Arva.
File, Albert.....	Ameliaburg.
Fraser, Anson S.....	Sarnia.
Harvey, Albert E.....	Wyoming.
Hendry, George.....	Deceased.
Hillier, Solomon C.....	Bowmanville.
Leavitt, Arven S.....	Toronto.
Mann, James.....	Renfrew.
Purdy, Chas. W.....	163 State St., Chicago
Saunders, Herbert J., M.R.C.S., 1870.....	Kingston.
Spooner, Hiram S.....	Deceased.
Stewart, Alex. J.....	Orillia.
Stowell, Olmsby.....	Orillia.
✓ Vanvlack, Gilbert J.....	Deceased.
Wilson, Charles J. C.....	Montreal.

1870.

Bridgland, Samuel.....	Bracebridge.
Dumble, W. C.....	Toronto.
Hodge, George.....	London.
Matheson, Murdock.....	Waverly, N.S. Wales.
Moore, Vincent H. ....	Brookville.
Potter, Levi .....	Enniskillen.
Rutherford, James.....	Orono.
Sayers, Alexander.....	Marion, N.Y.
Siewwright, James A.....	Deceased.
✓Thornton, Thomas.....	Consecon.

1871.

Bernard, Gerald.....	Newcastle-on-Tyne, E
Chaffey, Ellwraith, L.R.C.P., Edin., 1872, L.R.C.S., Edin., 1872.....	Santa Monica.
Day, W.D.P.W.....	Deceased.
Fairbairn, Alexander C.....	Minneapolis.
Gillies, Neil.....	Winnipeg.
Gunsolus, Kenneth.....	Detroit, Mich.
Higinbotham, William.....	Brantford.
Houston, William R.....	Chatham.
Kidd, Edward, L.R.C.P., Edin., 1876, Lic. Mid., 1876.....	Wellington.
Lafferty, James.....	Calgary.
✓Van Allen, John R.....	Denver.
✓Young, David.....	Lower Fort Garry.

1872.

Brien, James .....	Essex Centre.
Clarke, John.....	Peterboro.
Gerin, John .....	Auburn, N.Y.
✓Rockwell, Ashbel S.....	Rochester, N.Y.
✓Rourke, Francis.....	Dublin, Ont.

1873.

David, Alfred.....	Atlantic Mines, Mich.
Kennedy, Jacob B.....	N. S. Wales.
Lavell, Charles H.....	Deceased.
McLennan, Alexander S.....	277 S. Halsted, Chicago
McAdam, S. T. ....	Battleford.
✓McMahon, James.....	Texarkana, Texas.
Purdy, Alvanly .....	Grand Falls, Montana
Spear, Hugh.....	Toronto.
✓Walkem, W. W.....	Nanaimo, B.C.

1874.

Claxton, William.....	Verona.
Fenwick, Kenneth N., M.R.S.C., 1875.....	Kingston.
Ford, Herbert Douglas.....	Chicago.
Gibson, Andrew M.....	Deceased.
Jones, John.....	Kemptville.
✓Lane, Joseph W.....	Mallorytown.
✓McLean, Solomon C.....	Spencerville.

1875.

Betts, Alfred H.....	Deceased.
Carscallen, Allen B.....	Enterprise.
Deynard, Adelbert .....	Manhattan Eye & Ear N.Y.
Dingman, W. E.....	Listowell.
Dowsley, David H., M.R.C.S., 1878.....	Kingston,

Masson, Thomas.....	Cape Vincent.
Potter, Samuel.....	Deceased.
Preston, Richard.....	Carleton Place.
✓ Tuttle, Leslie.....	Tweed

1876.

Case, George H.....	Deceased.
Davis, Ransom A.....	Easton's Corners.
Kennedy, Alexander.....	Port Arthur.
Murphy, John Bernard.....	Brockville.
Potter, Thomas.....	Ottawa.
✓ Yourex, John McGill.....	Tamworth.

1877.

Bowen, George.....	Gananoque.
Day, Jonathan.....	Deceased.
Dowsley, George C.....	Gore Bay.
Dumble, Thomas H.....	Deceased.
Higgins, Edward M.....	Hot Springs, Ark.
Holmes, F. S. Leroy.....	Kemptville.
Hourigan, Andrew R.....	Peterboro.
Hubbs, H. A. M.....	Bay City, Mich.
Miller, Lindsay F.....	Toronto.
McNicholl, Eugene E.....	Cobourg.
✓ Phelan, Daniel.....	Kingston.
✓ Scovill, Simmons.....	RatPortage, Keewat'n

1878.

Beeman, Thomas W.....	Bancroft.
Bennett, Henry.....	Sullivan.
Clinton, George.....	Belleville.
Craig, Hugh A.....	Cobourg.
Evans, Henry.....	Deceased.
Hossie, Thomas R.....	Gouverneur, N. Y.
Kennedy, William R.....	Guelph.
Kidd, Peter E.....	Brooklyn, N. Y.
Lewis, Frederick.....	Orangeville.
✓ Lynch, Dennis P.....	Almonte.
✓ MacArthur, James.....	London.

1879.

Abbott, Rodney H.....	Cumber.
Clark, William.....	
Cleaver, J. C. C.....	Montserrat, Trinidad.
Cleaver, William T.....	Wigan, Eng.
Donovan, P. C.....	Langdon, N. Dakota.
Henderson, W. H., M.R.C.S., 1880.....	Deceased.
Horton, Robert N., L.R.C.P.S, Edin., 1886, Lic. Mid., 1886, Lic. Fac. P. S., Glasgow, 1886.....	Brockville.
Judson, George W.....	Lyn.
Kilborn, Roland.....	Kingston.
Lafferty, William A.....	Deceased.
Leonard, Raymond.....	Napanee.
McCammon, James A.....	Gananoque.
McCullough, William S.....	Deceased.
✓ Newlands, George.....	Seattle.
✓ Ward, George C. Tremaine.....	Napanee.



1880.

Chown, Henry H.....	Winnipeg.
Clark, J. G.....	Meaford.
Day, Lewis F.....	Deceased.
Dickson, Charles R.....	Toronto.
Empey, Charles T.....	CrossHills, Leeds, Eng
Galbraith, John E.....	Deceased.
Knight, John H.....	Wallaceburg.
McFadden, Murdock.....	Mount Forest.
Odium, John.....	Woodstock.
Reeve, Henry H.....	Leeds.
✓ Waddell, W. H.....	North Augusta.
✓ Wilson, Thomas.....	Tara.

1881.

Alexander, F. R.....	Deceased.
Betts, J. Howard, M.R.C.S., 1883.....	Deceased.
Coughlin, Richard.....	Hastings.
Gibson, W. J.....	Belleville.
Harrington, A. W.....	Deceased.
Jamieson, John.....	Deceased.
Johnston, D. A.....	Deceased.
Lavell, William A.....	Deceased.
McConnell, B. J.....	Morden, Man.
McGurn, J. S.....	Deceased.
Oldham, Edward.....	Chatsworth.
O'Shea, James.....	Deceased.
Reid, W. D.....	Barre, Vt.
Rodgers, D. H.....	Gananoque.
Snider, S. H.....	
✓ Symington, T. J.....	Camlachie.
✓ Wallace, David.....	Metcalf.

1882.

Anglin, R. S.....	Omaha.
Cameron, A. D.....	Lancaster.
Cornell, A. P.....	Brockville.
Coutlee, H. N.....	Sharbot Lake.
Denike, G. M.....	Fulton, N.Y.
Dupuis, J. M.....	Philadelphia, Penn.
Garrett, R. W.....	Kingston.
Jarvis, Charles E.....	London.
Knox, Henry.....	Shawville, Que.
Koyle, F. T.....	Ada, Man.
Macdonald, Hugh N.....	Lake Ainslie, C.B.
Mordy, G. A.....	Ashton.
Reeve, John L.....	Clinton.
✓ Rutherford, D. B.....	Morrisburg.
✓ Stewart, J. M.....	Chesley.

1883.

Anglin, W. G., M. R. C. S., 1884.....	Kingston.
Clancy, Charles C.....	Port Huron.
Cryan, John.....	Demorestville.
Davis, L. T.....	Nanaimo, B.C.
Froiland, Herman M., L. R. C. P. Edin., 1885, Lic. Mid.....	Deceased.
Kidd, John F.....	Ottawa.
✓ Hickey, Daniel C.....	Kingston.
✓ McGhie, George S.....	Elgin.

McMurphy, A.....	North Bay.
Moore, Thomas A.....	Westville, N.S.
Page, Thomas A.....	Brockville.
Smith, R.....	Evans' Mills, N.Y.
✓ Young, W. J.....	Deceased.

### 1884.

Bullis, W. H.....	Dresden.
Cartwright, R. C.....	Rochester, N.Y.
Cumberland, Thomas.....	Deceased.
Duff, H. Ramsay.....	Newburg.
Emery, H. J.....	Crosswell Sanilac Co Mich.
Forreseer, Edgar, L. R. C. P. Edin., 1884.....	Brockville.
Forin, A. W.....	West Duluth, Minn.
Fraser, R. N.....	Thamesville.
Foxton, E.....	Bond Head.
Herald, John.....	Kingston.
Mackie, D. H.....	Belleville.
McCammon, C. Gordon.....	Deceased.
Stirling, J. G.....	Hamilton, Bermuda.
Webster, W. J.....	White Lake, Aurora Co., Dak.
✓ Williams, Herbert S.....	Mount Vernon, Dak.

### 1885.

Bertram, T. A., L. R. C. S. I., 1886.....	Dundas.
Clark, C. W. D.....	Tamworth.
Cunningham, Harry C.....	Carman, Man.
Dawson, Henry.....	Cape Vincent, N.Y.
Dwyre, Andrew.....	Westport.
Ford, H. B.....	Moorwood.
Hooper, E., Lic. Soc., Apoth, 1886.....	Toronto.
Kyle, William A.....	Lanark.
Patterson, Richard L.....	Buffalo.
Roy, Henry.....	Chisholm.
Russell, D. H.....	Mankato, Minn.
✓ Spankie, William.....	Wolfe Island.
✓ Stirling, James A.....	Picton.

### 1886

Beeman, W. C.....	South Casselwan.
Bruce, F.....	New Lothrop, Mich.
Burdett, H. E.....	Minneapolis.
Casselman, J.....	
Collins, C.....	Deceased.
Conerty, J. M.....	Winchester.
Cornell, S. S.....	Athens.
Coy, W., M.R.C.S., 1887.....	674N. WellsStChicago
Creeggan, J. G.....	Lyndhurst.
Dame, A. A.....	Toronto.
Dixon, M. L.....	Frankville.
Donovan, E. I.....	Neche, North Dakota
Foley, D. E.....	Westport.
Galligau, T. G.....	Renfrew.
Hamilton, J. A.....	Deceased.
Hanna, J. E.....	Ottawa.
Heath, F.....	Brantford.
Jack, J. G.....	Avon Park, Florida.
Jamieson, A.....	North Gower.
Lane, I. J.....	North Williamsburg.
✓ McCardell, E. J.....	Wangaratta, V., N.S.W

McLaughlin, E.....	Morrisburg.
McVety, A.....	Toledo, Ohio.
Mather, W. M.....	Tweed.
Mellow, S. J.....	Bath.
Mundell, D. E.....	Kingston.
Mundell, John.....	Kingston.
Nimmo, J. H.....	Brockville.
Pitblado, C.....	
Shaw, J. M.....	Lansdowne.
Smith, F. B.....	Watertown, N.Y.
Storms, D. G.....	Hamilton.
Watts, E. J.....	Moose Creek.
Wright, E. W.....	Brooklyn, N.Y.
White, A. N.....	Ogdensburg.

1887

Allen, A. G.....	Dead wood, S.Dakota.
Anderson, J. J.....	Winchester Springs.
Anglin, J. V.....	Montreal, Que.
Beeman, T. A.....	Centreville.
Begg, J.....	Dalhousie, N.B.
Cameron, Dan.....	Deceased.
Dunlop, J. D.....	Alpena, Mich.
Errett, A. J.....	Deceased.
Ferguson, A. G.....	Dalhousie.
Fisher, A. J.....	Brigden.
Freeman, A. E.....	Inverary.
Gallagher, M.....	Campbellford.
Gibson, A. E.....	Oakland, Ohio.
Hart, J. F.....	Athens.
Hart, W. M.....	Prescott.
Hay, William.....	Antwerp, N.Y.
Heslop, J. E.....	Port Dover.
James, M.....	Mattawa.
McEwen, Ewen.....	Singhampton.
Mabee, J. E.....	Odessa.
Mabee, M.....	Riverside, Cal.
Neish, W. D.....	Kingston, Jamaica.
Pirie, Alex. F.....	Cartego.
Rainstead, H.....	Ottawa.
Scales, Thomas.....	Deceased.
Thorne, S. H.....	Bobcaygeon.
Warner, A. F.....	Napanee.

1888

Baker, T. C.....	Windsor.
Chamberlain, W. P.....	Morrisburg.
Connell, J. C.....	Kingston.
Cooke, W. H.....	Minneapolis.
Downing, W. H.....	Deceased.
Fraser, J. B.....	Toronto.
Gillis, A. B.....	Bass River, N.S.
Horsey, E. H.....	
Jamieson, D.....	Osnabruk Centre.
Jamieson, T. J.....	Kars.
Koyle, F. H.....	Brockville.
Livingston, J. S.....	Deceased.
Mabee, C. G.....	New Providence, Iowa.
Mallory, C. N.....	Delta, Leeds.

Maxwell, W. J.....	Castle Rock, Colorado
McCammon, S. H.....	
McGillvray, T. S.....	Hamilton.
McGrath, E.....	Peterborough.
O'Neil, T.....	Deceased.
Pratt, W. F.....	Brudenel, Ont.
Pratt, Wilton.....	Carleton Place.
Robertson, J. W.....	Hopewell, N.S.
Robinson, R. P.....	Ottawa.
Scott, P. J.....	Southampton.
Smellie, D McK.....	Madoc.
Walker, A. D.....	Belleville.
✓ Whitney, A. W.....	St. Paul, Minn.
✓ Wright, T A.....	Russell, Manitoba.

1889

Belch, John A.....	Syracuse, N.Y.
Buchanan, H. M.....	St. Lawrence, N.Y.
Campbell, A. L.....	Rochester, N.Y.
Chanonhouse, R. C., B.A.....	Harrowsmith.
Cloutier, Felix.....	Crysler.
David, W. C.....	South Bay, Mich.
Drummond, P.....	Grant, Mich.
Duff, John.....	Deceased.
Elliott, Arthur.....	523 39th St., Chicago.
Emery, G. F.....	Gananoque.
Freeland, A.....	Ottawa.
Gardiner, S. H., B.A.....	Brooklyn, N.Y.
Grant, Norman, B.A.....	Waipairi, New Zealand.
Graham, H. C. W.....	Brewster.
Harkness, F. B.....	North Gower.
Harvie, William D.....	Hillsboro, Dak.
Hilker, Adam E.....	Jamaica.
Holdcroft, Joseph.....	Merrickville.
Johnston, W. H.....	Almonte.
Kilborn, Omar L., B.A.....	China.
Lanfear, Henry O.....	Lakefield.
Little, W. C.....	Dimboold, Vic., Aus.
Mavety, Alex. C.....	Odessa.
McGrath, Michael E.....	183 W. Madison A., Chic.
McKillop, James T.....	Wardsville.
Mitchell, H. F.....	Lakeville, Indiana.
Northmore, Harold S.....	Bath.
Patterson, James A.....	Port Elgin.
Rankin, W. H.....	Brooklyn, N.Y.
Robinson, Andrew.....	
Ryan, Edward.....	Kingston.
Sands, Ernest.....	Cold Springs.
Snider, Elias T.....	Cataraqui.
Stewart, Alexander.....	Orillia.
✓ Tilman, H. G.....	Jamaica.
✓ Walker, S. R.....	Papineau, Iro. Co., Ill.

1890

Bell, J. H.....	Kingston.
Camelon, T. P.....	Chicago.
Campbell, J. S.....	Ontario, N Y.
Cameron, W. A.....	Kemptville.
✓ Chown, A. P.....	Kingston.
✓ Clerihew, E. M.....	W. 47th St., New York.

Coon, D. A.	Elgin.
Cunningham, D.	Kingston.
Dixon, A. F.	Toronto.
Dixon, J. H.	Burlington, Iowa.
Dupuis, E. L.	Seattle.
Earl, W. M.	Bishop's Mills.
Gandier, A.	Avon Park, Florida.
Gray, W. A.	Pembroke.
Hayunga, George	400 Canal St., New York.
Herald, Wilson	Vancouver, B.C.
Holdcroft, W. T.	Deseronto.
Kellock, T.	Fullerville Mines, N.Y.
Lockhart, G. D.	
McKenty, James	Neche, North Dakota
MacPherson, W. A.	Prescott.
Miller, J. S. C.	Seattle.
Mitchell, C. T.	South Bend, Ind.
Morgan, E. M.	
Neish, J. G.	Jamaica.
Patterson, J. N.	Okiowa, Neb.
Pirie, H. H.	Dundas.
Phelan, Leo.	Sioux City.
Reid, J. D.	Cardinal.
Shannon, J. R.	New York.
Todd, S. G.	Woodland, Indiana.
✓ Watts, T. E.	Natural Bridge, N.Y.

1891

Burrows, John G.	Napanee.
Brady, James	Camden, N.Y.
Campbell, James W.	Kingston.
Carmichael, Andrew	Ventnor.
Davis, Sidney N.	York.
Echlin, E. B., B.A.	Ottawa.
Empey, William A.	Brinston's Corners.
Foley, Ignatius J.	Deceased.
Fowkes, John T.	Ormar, Jeff. Co., N.Y.
Gardiner, Robert J.	Seeley's Bay.
Genge, William W.	Wolfe Island.
Gibson, James F.	Kingston.
Green, Samuel D.	Bancroft, Ont.
Haig, Andrew, M.A.	Menie.
Harrison, Edgar D.	Madoc.
Herald, Dundas	Longley, B.C.
Johnston, William J.	Almonte.
Kennedy, John T.	Fort McKavett, Tex.
Kidd, William E.	Oak Park, Ill.
Lavers, Frank C.	New Ross, N.S.
Meecham, George P.	Limestone, N.Y.
Moore, John	Plainfield.
McColl, Allen E., B.A.	Belleville.
NcCuaig, John A. E.	Danville, Penn.
McLean, Ernest H.	Revelstoke, B.C.
MacLennan, Duncan N.	Port Hope.
McLennan, James A.	Economy, N.S.
McNee, J. Edwin	Perth.
Oldham, Johh H.	Yarker.
Raymond, Nelson	New Rochelle, N.Y.
✓ Robinson, E. B.	San Francisco, Cal.



Ryan, Michael D .....	Oates.
Scott, William J .....	Lanark.
Spankie, James E.....	Kingston
Stuart, William A., B.A.....	Clarenceville, Que.
Valleau, Arch J.....	Wolcott, Vermont.
✓ White, James W .....	Branchton.
✓ Wilson, Arthur C .....	

1892

Adams, George T. C.....	Melbourne, Australia
Adams, Joseph.....	Kingston.
Adamson, Herbert A .....	Richmond City, Uta.
Balfe, Thomas H.....	Hamilton.
Barber, Albert E.....	Mishawaka, Ind.
Belton, William J.....	Deceased.
Bermingham, Francis H.....	
Bissonette, Julien D., B.A .....	Napanee.
Bourns, Thomas C .....	Addison.
Bourns, William H .....	Frankville.
Denaut, Henry D.....	Delta.
Douglass, Henry E .....	Muncio, Ind.
Gibson, James C.....	New Haven, Mich.
Hare, W. G. ....	Bay City, Mich.
Kelly, John J., B.A.....	Sydney, N. S. W.
Kemp, J. A.....	Indian Head, N.W.T.
Kirk, Frederick J., B.A.....	New York.
Lent, Edwin J.....	Lakeville, Ind.
Lockhart, Alfred J. ....	Harrowsmith.
Melville, Edmond J.....	Bakersville, Vermont.
McCammon, Fred J., B.A.....	Kingston.
Robinson, Robert R.....	Albarni, B.C.
Scott, Thomas B., B.A .....	
Smith, George H. W.....	Sydney, Australia.
Stevens, Nathaniel T .....	Ashkum, Ill.
Sullivan, Dennis V., B.A. ....	Kingston.
Thompson, William B.....	
Tuttle, Henry E.....	Iroquois.
✓ Wheeler, James W.....	Cornwall.
✓ Wood, I., M.A .....	Kingston.

1893

Austin, G. H.....	Cairo, N.Y.
Barker, A. N.....	Fenwick.
Black, B. F.....	
Countryman, J. E.....	Drayton, N. Dakota.
Cormack, J. H.....	Kingston.
Gibson, J. J. ....	Alexandria, Ind.
Gibson, J. L.....	Cherry Valley.
Giles, G. C. ....	Brockville.
James, H. J.....	Nipissing District.
Joyner, N. P.....	Clayton, N.Y.
Locke, J. A.....	Iroquois.
Leavitt, M.....	East Hatley, Q.
Minnes, R. S., M.A.....	Kingston.
Malcolm, W. G.....	Chesley.
Murphy, J. E.....	Portland, Leeds Co.
McDonnell, H.....	Deceased.
McGrath, G.....	
✓ Nelville, M. J.....	Kingston.

Robertson, A. C.	Madoc.
Ruttan, F. S.	Sydenham.
Ryan, C.	
Smith, R. G.	Oakland, Iowa.
Walkinshaw, W.	Campbellford.

1894

Allen, James Ross	New York.
Anderson, William J	Stanley.
Boucher, Joseph A	Watertown, Mass.
Connell, W. T.	Kingston.
Darrs, John J.	
Farley, F. J.	Trenton.
Fitzgerald, G. D	Oregon.
Fulton, Cyril.	Iroquois.
Gillen,	
Kinsley, P. J.	Fairfield, Vermont.
Leahy, B. J	Kingston.
Morden, J. W.	Picton.
Myers, A. R.	Moncton, N.B.
McCutcheon, W. C.	Cassopolis, Mich.
Parlow, A. B.	Aultsville.
Sands, W. W.	Sunbury.
Seager, James	Centreville.
Stevenson, J. A.	Stella.
Williams, H. G.	Vancouver.
Young, W. A.	Olean, N.Y.

**FELLOWS.**

Bethune, Alexander	Wingham	1874
Bray, John L.	Chatham	1890
Cluness, William B	Sacramento, Cal.	1871
Day, Henry W	Belleville	1890
Dickson, John R	Deceased	1866
Dupuis, Thomas R.	Deceased	1871
Fenwick, Kenneth N.	Kingston	
Fowler, Fife, L.R.C.S. Edin, 1846, M.D.		
Marisch College, Aberdeen, 1858	Kingston	1866
Fox, Joseph F., M.P., House of Commons,		
England	Queenstown, Ireland.	1892
Henderson, Donald	Winnipeg	1886
Horsey, Edward H.	Deceased	1886
Irwin, Chamberlen Arthur	Deceased	1886
Kennedy, Roderick, L.R.C.S. Edin., 1843,		
M.D. Univ. St. Andrew, 1843.	Bath	1866
Lavell, Michael	Kingston	1866
McLean, Donald, M.D. Univ. Edin., 1862.	Detroit, Mich.	1866
MacIntyre, Duncan	Glencoe	1893
Mark, Robert	Ottawa	1871
Matheson, Murdoch	Waverly, New South Wales	1886
Moore, Vincent H.	Brockville	1890
Neish, James	Kingston, Jamaica	1874
Oliver, Alfred S.	Kingston	1873
Preston, Robert H.	Newboro	1890
Purdy, Charles W.	Chicago	1886
Reeve, Richard A.	Toronto	1866
Saunders, Herbert J.	Kingston	1871
Sullivan Michael	Kingston	1866

Walker, A. Holford .....	Toronto .....	1891
Yates, Horatio .....	Deceased .....	1871
Yates, Octavius .....	Deceased .....	1871

### LICENTIATES.

Abbott, Samuel .....	Deceased .....	1872
Adams, G. T. C. ....	Millbourne, N.S.W. ....	1892
Alexander, James .....	Deceased .....	1869
Alway, Enoch .....	Binbrook .....	1860
Balfe, Thomas H .....	Hamilton .....	1892
Barnes, Leander .....	Murray River, P.E.I. ....	1890
Bice, Mark .....	Hampton .....	1869
Bigham, Hugh .....	Fenelon Falls .....	1867
Bigham, James .....	Warsaw .....	1868
Bruce, Fred .....	Mount Morris, Mich. ....	1888
Booth, Donald B. ....	Odessa .....	1868
Burgar, C. ....	Niagara Falls .....	1870
Campbell, Albert L. ....	Penfold, N.Y. ....	1888
Chaffey, Ellswood .....	Ontario, California .....	1870
Chamberlain, Theodore F. ....	Toronto .....	1871
Clapham, Edward .....	.....	1868
Close, James .....	Ohio, U.S. ....	1873
Coleman, William F. ....	Chicago .....	1870
Corbett, Henry T .....	Deceased .....	1868
Cornell, Charles .....	Brockville .....	1872
David, Alfred .....	Atlantic Mines, Mich. ....	1895
Davis, L. T. ....	Nanimo .....	1883
Davis, John J. ....	Kingston .....	1890
Davison, Meyers .....	Deceased .....	1874
Day, Barnabas W. ....	San Diego .....	1871
Day, Jonathan .....	Deceased .....	1881
Dickson, John R., jr. ....	Deceased .....	1866
Dowsley, D. H. ....	Kingston .....	1875
Dugdale, John J. ....	Deceased .....	1867
Dunlop, James Donald .....	Alpena, Mich .....	1886
Erichsen, Hugo .....	Detroit .....	1883
Erly, Francis W. J. ....	Deceased .....	1868
File, Albert J. ....	Ameliasburg .....	1869
Fisher, Albert J. ....	Brigden .....	1893
Fralick, W. G. ....	New York City .....	1887
Fraser, Allen H .....	Deceased .....	1867
Graham, William J. ....	Bothwell .....	1873
Green, J. B. ....	Mishawaka, Indiana .....	1891
Guusolns, Kenneth .....	Detroit, Mich .....	1874
Hall, William .....	Qu'Appelle .....	1883
Hall, John D. ....	Deceased .....	1878
Harvey, Leander .....	Watford .....	1880
Harvey, W. D. ....	Hillsboro, Dakota .....	1867
Hay, William, B.A. ....	St. Lawrence, N.Y. ....	1887
Henderson, K. ....	Clyde River, P.E.I. ....	1890
Hendry, George .....	Deceased .....	1869
Herriman, Weston Leroy .....	Lindsay .....	1869
Higinbotham, A. ....	Deceased .....	1868
Horsey, Edward H .....	Deceased .....	1871
Houston, William R. ....	Chatham .....	1871
Hutcheson, John .....	Meaford .....	1869
Johnstone, David .....	Kincardine .....	1869
Jones, De Witt Clinton .....	Toronto .....	1891

Keith, Sylvanus.....	New Glasgow, N.S.....	1886
Kidd, Edward.....	Picton.....	1881
Knight, John H.....	.....	1880
Koyle, F. H. ....	Brockville.....	1888
Lavell, Charles H.....	Deceased.....	1873
Lavell, William A.....	Deceased.....	1880
Lavers, Frank Charles.....	New Ross, N.S.....	1891
Maclean, Archiblad.....	Ann Arbor.....	1880
Mark, Robert.....	Ottawa.....	1867
McAmmond, J. F.....	Scottsville, N.Y.....	1889
McCutcheon, W. C.....	Cassopolis, Mich.....	1894
McDowell, John.....	Deceased.....	1880
McPhee, J. W.....	Deceased.....	1886
McPherson, W. A.....	Dexter, N. Y.....	1890
Meadows, R. W.....	H. M. Service.....	1866
Meagher, Augustus D.....	Deceased.....	1869
Mitchell, Charles F.....	South Bend, Ind.....	1890
Mitchell, H. F.....	South Lake, Indiana.....	1889
Munro, David.....	Perth.....	1867
Murphy, H. J.....	Chatham.....	1867
Maclean, Donald.....	Detroit.....	1868
McLennon, Alexander S.....	Chicago.....	1873
Myers, Ambrose Richard.....	Forfar, Ont.....	1894
Nesbitt, Edward.....	Deceased.....	1868
Newell, James.....	418 Grand River Ave., Detroit.....	1869
Nimmo, John H.....	Brockville.....	1886
Noel, J. V.....	Deceased.....	1867
Ogilvie, James A.....	Kingston, Jamaica.....	1891
Oliver, John K.....	Deceased.....	1868
O'Sullivan, John.....	Deceased.....	1868
Patterson, Richard Langford.....	Buffalo, N.Y.....	1885
Patterson, James B.....	Port Elgin.....	1869
Potts, James McCumming.....	Belleville.....	1888
Price, Robinson B.....	Kingston.....	1871
Purdy, Charles W.....	Chicago.....	1869
Reid, John D.....	Cardinal.....	1890
Rourke, Francis.....	Dublin, Ont.....	1867
Scott, William H. S.....	Southampton.....	1890
Smith, Geo. A. W.....	Sydney, N.S.W.....	1892
Spear, Hugh.....	Toronto.....	1868
Stark, Alexander.....	Berwick.....	1880
Stewart, Gerald J.....	Angus.....	1869
Symington, Thomas.....	Camlachie.....	1881
Tait, Stewart.....	Kingston, Jamaica.....	1890
Taplin, Albert Edward.....	.....	.....
Thibodo, Francis H.....	.....	1895
Thibodo, Robert.....	Deceased.....	1868
Tillman, Harry G.....	Kingston, Jamaica.....	1889
VanAllen, John R.....	Kansas City.....	1870
Vanvlack, Gilbert.....	Deceased.....	1870
Wilson, Charles J. C.....	Montreal.....	1869
Wafer, Francis W.....	Deceased.....	1867
Wood, William Field.....	Mishawaka.....	1869
Wood, Isaac.....	Kingston.....	1892
Young, David.....	Manitoba.....	1871

## PASS LIST IN MEDICINE.

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### FIRST YEAR.

#### JUNIOR ANATOMY.

Wegner, W. G., Paul, H., Dyde, C. B., Tripp, J. H., Cooper, E. G., Edmison, J. H., Elliott, H. H., Barber, V., Condell, W. N., Redmond, R. C., Fadden, W. T., Armstrong, C. C., Hills, W. H., McCambridge, C. J., Grange, T. A., Hanley, R., Jacquith, W. A., Malone, H. V., Moffatt, W., Scott, C. S., Morrison, C. A., O'Connor, C., Kilborn, H. F., Corrigan, I. J., Gage, J. C., McConville, A. P., Scott, W. B., Davis, N. A., Waldron, H. M., Bute, J. H., Geddes, W. J., Burger, C. H., Doyle, J., O'Hara, J. J.

#### ANALYTICAL BIOLOGY AND JUNIOR PHYSIOLOGY.

Dyde, C. B., Barber, V., Tripp, J., Wegner, W. G., Elliott, H. H., Gould, S., Redmond, R. C., Scott, W. B., McArthur, J. H., Paul, J. H., Grange, T. A., Fadden, W. S., Armstrong, C. C., Metcalfe, H. H., Corrigan, D. J., Condell, W. N., Cooper, E. G. G., Burger, C., Kilborn, H. F., Morrison, C., Malone, H. V., Hills, W. H., O'Connor, W. C., Davis, N. A., Waldron, H. M., Jacquith, W. A., Scott, C. S., Doyle, J., Geddes, W. J., McCambridge, C. J., Hanley, R., Edmison, J. H., McConville, A., Harty, J.

#### HISTOLOGY.

Barber, V., Dyde, C. B., Scott, W. B., Mylks, G. W., Neish, D. B., Croskery, E., Tinkess, A. L., Edwards, J. W., Collison, G. A., Anderson, N. W., Douglas, H. E., Bellamy, A. W., Greer, R. F., Drummond, R., Metcalfe, H. H., Ilett, A. E., Spear, R., Irvine, W. H., Lyle, W. D., Knight, A., McCarthy, A. W. P. A., Neish, I., Bannister, P. G., Hudson, C. H., Kelly, W. G., Letellier, A., Gould, S. H., McArthur, J. H.

#### JUNIOR MATERIA MEDICA.

Redmond, R. C., Elliott, H. H., Paul, J. H., Dyde, C. B., Wegner, W. G., Grange, T. A., Cooper, E. G. G., Moffatt, W., Condell, W. N., Scott, C. L., Armstrong, C. C., Fadden, W. S., Jacquith, W. A., Burger, C., Davis, N. A., Morrison, C. A., Malone, H. V., Gage, J., Kilborn, H. F., O'Connor, C., Gould, S. H., Geddes, W. J., McConville, A. P., Edmison, J. H., Hanley, R., Tripp, J. H., Doyle, J., McCambridge, C. J., Waldron, H. M., Corrigan, D. J., Metcalfe, H. H., Kelly, W. G., O'Connor, W. J., O'Hara, J. J.

#### JUNIOR CHEMISTRY.

Armstrong, C. C., Fadden, W. S., Condell, W. N., Cooper, E. G. G., Elliott, H. H., Scott, C. S., Tripp, J. H., Geddes, W. J., Hanley, R., O'Connor, W. J., O'Hara, J. J., Davis, N. A., Jacquith, W. A., Doyle, J., Burger, C. H., O'Connor, C., Corrigan, D. J., Waldron, H. M., McCambridge, C. J., McConville, A. P., Wegner, W. G.

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### SECOND YEAR.

#### SENIOR CHEMISTRY.

Mylks, G. W., Collison, G. W., Anderson, N. W., Croskery, E. A., Bellamy,



A. W., Spear, R., Neish, D. B., Douglas, H. E., Morrison, C. A., Knight, A. S., Butler, T. J., Drummond, S. J., McLennan, D. R., Letellier, A., Bannister, P. G., McCarthy, A. W. P. A., Tillman, H. G.

#### ANALYTICAL CHEMISTRY.

Boyle, J., Mylcks, G. W., Bellamy, A. W., Drummond, S. J., Ross, A. E., Anderson, N. W., Croskery, E. A., Metcalfe, H. H., Letellier, A., Collinson, G. W., McArthur, J. H.

#### SENIOR MATERIA MEDICA.

Honours:—Anderson, N. W., Bannister, P. G., Barber, V., Boyle, J., Spear, R., Scott, W. B., Greer, R. F.

Pass:—Dyde, C. B., Knight, A. S., Gould, S. H., Ross, A. E., Tinkess, A. L., Mylks, G. W., Edwards, J. W., Croskery, E. A., Douglas, H. E. M., Collinson, G. W., Teepell, E. W., Bellamy, A. W., McCarthy, A. W. P. A., Irvine, W. H., Drummond, S. J., Neish, D. B., Lyle, W. D., Irwin, A. W., McArthur, J. H., Ford, A. B., Letellier, A., Kelly, W. G., Thibodo, F. H., Kelly, T. G.

#### SENIOR PHYSIOLOGY.

Honours:—Dyde, C. B., Mylcks, G. W., Boyle, J., Anderson, N. W.

Pass:—Neish, D. B., Spear, R., Edwards, J. W., Greer, R. F., Tinkess, A. L., Letellier, A., Collinson, G. W., Bellamy, A. W., Irvine, W. H., Croskery, E. A., Knight, A. S., Douglas, H. E. M., Ross, A. E., Drummond, S. J., Knight, L., Walsh, F. M., Hudson, C. H., Tillman, H. A., Bannister, P. G., McCarthy, A. W. P. A., Lyle, W. D., Teepell, E. W., Kelly, W. G., Metcalfe, H. H., Butler, T. J.

#### SENIOR ANATOMY.

Honours:—Dyde, C. B., Douglas, H. E. M.

Pass:—Knight, A. S., Ford, A. B., Neish, D. B., Anderson, N. W., Croskery, E., Letellier, A., Mylks, G. W., Collinson, G. W., Bellamy, A. W., Edwards, J. W., Boyle, J., Drummond, S. J., Ross, A. E., Tinkess, A. L., McCarthy, A. W. P. A., Kelly, W. G., McArthur, J. H., Irvine, W. H., Greer, R. F., Spear, R., Bannister, P. G., Metcalfe, H. H., Abbott, G. A., McLaren, A. F., Kelly, W. G.

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### THIRD YEAR.

#### PATHOLOGY.

Honours:—Gibson, J. C., Craft, B. A., Murray, H. G., McEwen, A., McPherson, C., Berry, G. H., Ames, R. J., Embury, A., Farrell, T. H., Henderson, N., Metcalfe, A. A., Mooney, Thos. F., McKeown, H., Carscallen, W. E., Downing, J., Knight, L. A., Macdonald, J. F., McGregor, J. G., Robinson, A., Cranston, J. G., Lofthouse, W. D. R., Lyle, W. D., Tillman, H. A., Fleming, H., Jones, A. W., Teepell, E. W., Thibodo, F. H., Campbell, T. M., Gillespie, H., Webster, B. E., Hudson, C. H., Irwin, A. W., McLennan, D. R.

#### PRACTICE OF MEDICINE.

Gibson, J. C., Campbell, E. M., Metcalfe, A. A., Murray, H. G., Teepell, E. W., McPherson, C., Downing, J., Embury, A., Gillespie, H., Webster, B. E.

#### SURGERY.

Teepell, E. W., Murray, H., (equal); McPherson, C., Metcalfe, A. A., Webster, B. E., Campbell, P. M., Gibson, J. C., Embury, A., Gillespie, H., Downing, J.

MEDICAL JURISPRUDENCE.

Honours :—Mooney, T. F.

Pass :—Teepell, E. W., Murray, H. G., Downing, J., Campbell, P. M., Metcalfe, A. A., Carscallen, W. E., Webster, B. E., Gibson, J. G., Lyle, W. D., Merriman, W. H., McPherson, C., McManus, J. P., Gillespie, H., Embury, A., Knight, L. A., Craft, R. A., Ross, A. E., Abbott, G. H., Walsh, F., Hudson, C. H., Irwin, A. W., Cranston, J. G., Jones, A. W.

OBSTETRICS AND GYNAECOLOGY.

Campbell, G. M., Gibson, J. C., Teepell, E. W., Metcalfe, A. A., Downing, J., Murray, H. G., McPherson, C., Webster, B. E., Embury, A., Gillespie, H.

FOURTH YEAR.

PRACTICE OF MEDICINE.

Honours :—Whittaker, W. C., Marselis, E. H., McDonald, H. S., Drennan, Jennie, Hagar F. C., McBroom, J. A.

Pass :—Craft, R. A., McEwen, A. W., Henderson, N. R., Farrell, T. H., Berry G. H., Lofthouse, W. O. R., Ames, A. J., McKeown, H., Merriman, W. H., Fleming, H., Robinson, A., Stewart, G. G., Cranston, J. G., Kyle, R. I. L., Thibodo, F. H., Abbott, G. A., Tillman, H. A., Jones, A. W.

CLINICAL MEDICINE.

Honours :—Ames, A. J., Hagar, F. C., Kyle, R. J. L., McBroom, J. A., McDonald, H. S., Stewart, G. G., Drennan, Jennie, McKeown, H., Abbott, G. G., Craft, R. A., Henderson, N. R., McEwen, A. W., Whittaker, W. C., Berry, G. H., Lofthouse, W. O. R., Marselis, E. H., Cranston, J. G., Robinson, A.

Pass :—Farrell, T. H., Fleming, H., Merriman, W. H., Jones, A. W., Tillman, H. G., Thibodo, F. H.

OBSTETRICS AND GYNAECOLOGY.

Honours :—Whittaker, W. C., Ames, A. J., Hagar, F. C., McBroom, J. H., Farrell, T. H., Craft, R. A., McKeown, H., Stewart, G. G., Henderson, N. R.

Pass :—Kyle, R. J., Lofthouse, W. O. R., McEwen, A., McDonald, H. S., Marselis, E. H., Robinson, A., Fleming, H., Abbott, G. A., Merriman, W. H., McGregor, J. G., Cranston, J. G., Tillman, H. A., Berry, G. H., Drennan, Jennie, Jones, A. W., Thibodo, F. H.

SURGERY.

Honours :—Whittaker, W. C., Marselis, E. H., Kyle, R. J., McDonald, H. S., McBroom, J. A., Farrell, T. H., Fleming, H., Ames, A. J., Craft, R. A., Lofthouse, W. O. R.

Pass—Cranston, J. G., McEwen, A., McKeown, H., Drennan, Jennie, Abbott, G. A., Stewart, G. G., Thibodo, F. H., Merriman, J. H., Hagar, F. C., Henderson, N. R., Robinson, A., Jones, A. W., Berry, G. H., Tillman, H. G.

CLINICAL SURGERY.

Honours : Whittaker, W. C., Farrell, T. H., Henderson, N. R., Hagar, F. C., Drennan, Jennie, Kyle, R. J. L., Marselis, E. H., McBroom, J. A., Stewart, G. G., Fleming, H. D., McDonald, H. S.

Pass :—Cranston, J. G., McKeown, H., Abbott, G. A., Berry, G. H., Craft, R.

A., Lofthouse, W. O. R., McEwen, A., Ames, A. J., Robinson, A., Jones, A. W.  
Merriman, W. H., Tillman, H. A., Thibodo, F. H.

DISEASES OF THE EYE, EAR, THROAT AND NOSE.

Messrs. Ames, Kyle, McBroom, J. A., Jones, Whittaker, Lofthouse, Farrell  
and Berry.

MEDICAL AND SURGICAL ANATOMY.

Honours:—Whittaker, W. C., Farrell, T. H., Hagar, F. C., McBroom, J. A.,  
Craft, R. A., Kyle, R. J. L., McKeown, H., Ames, A. J.

Pass:—McDonald, H. S., Berry, G. H., Stewart, G. G., Marselis, E. H.,  
Drennan, Jennie, Tillman, H. A., Robinson, A., Fleming, H. P., Lofthouse, W. O.  
R., Merriman, W. H., Abbott, G. A., McKeown, H., Cranston, J. G., Henderson,  
N. R.

SANITARY SCIENCE.

Third year Honours:—Carscallen, W. E.

Pass:—McPherson, C., Boyle, J., Knight, L. A.

Fourth year Honours:—Ames, A. J., Hagar, F. C., Whittaker, W. C., Craft  
R. A., Farrell, T. H., Kyle, R. J., McBroom, J. A.







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